

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091724\
 Data File : VY019575.D
 Acq On : 17 Sep 2024 10:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 18 01:30:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	388562	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	679481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	577696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	271395	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	200852	55.823	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.640%	
35) Dibromofluoromethane	7.634	113	207606	53.888	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.780%	
50) Toluene-d8	10.109	98	773241	54.264	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.520%	
62) 4-Bromofluorobenzene	12.408	95	273788	49.970	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 99.940%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	89134	41.254	ug/l	97
3) Chloromethane	2.068	50	154009	47.906	ug/l	99
4) Vinyl Chloride	2.208	62	179316	51.583	ug/l	99
5) Bromomethane	2.598	94	126515	59.250	ug/l	97
6) Chloroethane	2.739	64	126471	55.653	ug/l	98
7) Trichlorofluoromethane	3.062	101	285960	49.348	ug/l	98
8) Diethyl Ether	3.458	74	92942	47.782	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.818	101	169058	47.161	ug/l	96
10) Methyl Iodide	4.007	142	209453	45.574	ug/l	94
11) Tert butyl alcohol	4.872	59	62144	213.872	ug/l	# 80
12) 1,1-Dichloroethene	3.793	96	166008	48.155	ug/l	90
13) Acrolein	3.653	56	26209	183.555	ug/l	100
14) Allyl chloride	4.385	41	294499	47.636	ug/l	# 93
15) Acrylonitrile	5.055	53	195750	233.396	ug/l	99
16) Acetone	3.872	43	226966	264.785	ug/l	# 86
17) Carbon Disulfide	4.104	76	446539	47.941	ug/l	97
18) Methyl Acetate	4.385	43	99176	42.635	ug/l	93
19) Methyl tert-butyl Ether	5.110	73	466837	47.813	ug/l	98
20) Methylene Chloride	4.616	84	189690	48.525	ug/l	91
21) trans-1,2-Dichloroethene	5.110	96	188853	49.979	ug/l	89
22) Diisopropyl ether	6.012	45	620384	48.867	ug/l	92
23) Vinyl Acetate	5.957	43	1764400	243.318	ug/l	94
24) 1,1-Dichloroethane	5.909	63	362946	50.948	ug/l	98
25) 2-Butanone	6.890	43	279746	229.467	ug/l	89
26) 2,2-Dichloropropane	6.884	77	330030	51.359	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	233409	50.852	ug/l	88
28) Bromochloromethane	7.244	49	160233	53.458	ug/l	86
29) Tetrahydrofuran	7.262	42	165865	223.767	ug/l	86
30) Chloroform	7.421	83	378601	52.061	ug/l	98
31) Cyclohexane	7.701	56	286557	44.502	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	333922	51.228	ug/l	96
36) 1,1-Dichloropropene	7.835	75	256989	49.023	ug/l	96
37) Ethyl Acetate	6.982	43	124020	46.173	ug/l	97
38) Carbon Tetrachloride	7.817	117	287812	48.687	ug/l	98
39) Methylcyclohexane	9.109	83	316415	45.356	ug/l	91
40) Benzene	8.079	78	794882	49.230	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	76750	49.019	ug/l #	81
42) 1,2-Dichloroethane	8.158	62	218194	50.220	ug/l	96
43) Isopropyl Acetate	8.195	43	250861	44.455	ug/l	92
44) Trichloroethene	8.865	130	202557	48.780	ug/l	95
45) 1,2-Dichloropropane	9.140	63	190670	48.304	ug/l	97
46) Dibromomethane	9.231	93	106318	49.253	ug/l	95
47) Bromodichloromethane	9.426	83	287739	49.589	ug/l	98
48) Methyl methacrylate	9.219	41	115209	43.234	ug/l	86
49) 1,4-Dioxane	9.237	88	22262	876.058	ug/l #	85
51) 4-Methyl-2-Pentanone	9.999	43	626663	220.738	ug/l	92
52) Toluene	10.170	92	518350	49.917	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	264749	47.864	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	307778	47.786	ug/l #	89
55) 1,1,2-Trichloroethane	10.573	97	141519	47.474	ug/l	95
56) Ethyl methacrylate	10.438	69	209017	46.158	ug/l #	83
57) 1,3-Dichloropropane	10.719	76	246897	48.184	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	531307	252.799	ug/l	98
59) 2-Hexanone	10.761	43	458165	220.131	ug/l	90
60) Dibromochloromethane	10.914	129	191855	48.654	ug/l	99
61) 1,2-Dibromoethane	11.018	107	127917	46.055	ug/l	100
64) Tetrachloroethene	10.646	164	168320	47.051	ug/l	93
65) Chlorobenzene	11.444	112	566410	49.844	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	193768	49.249	ug/l	98
67) Ethyl Benzene	11.517	91	1002983	49.674	ug/l	100
68) m/p-Xylenes	11.627	106	754800	98.863	ug/l	94
69) o-Xylene	11.956	106	367321	49.195	ug/l	95
70) Styrene	11.969	104	618862	49.091	ug/l	96
71) Bromoform	12.133	173	105290	46.853	ug/l #	98
73) Isopropylbenzene	12.255	105	981034	49.827	ug/l	99
74) N-amyl acetate	12.072	43	237389	44.333	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.505	83	163325	46.735	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	213280	83.844	ug/l #	100
77) Bromobenzene	12.536	156	211317	48.393	ug/l	92
78) n-propylbenzene	12.597	91	1156337	49.550	ug/l	99
79) 2-Chlorotoluene	12.682	91	663092	48.757	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	785682	49.086	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	58075	43.828	ug/l	92
82) 4-Chlorotoluene	12.779	91	694218	49.652	ug/l	95
83) tert-Butylbenzene	12.999	119	714136	49.284	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	778293	49.122	ug/l	98
85) sec-Butylbenzene	13.176	105	1021531	48.528	ug/l	100
86) p-Isopropyltoluene	13.292	119	839712	48.756	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	421074	49.625	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	413994	49.163	ug/l	97
89) n-Butylbenzene	13.621	91	794428	48.250	ug/l	99
90) Hexachloroethane	13.883	117	173652	48.458	ug/l	92
91) 1,2-Dichlorobenzene	13.657	146	368491	48.666	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	24760	42.511	ug/l	86
93) 1,2,4-Trichlorobenzene	14.919	180	209027	45.389	ug/l	97
94) Hexachlorobutadiene	15.023	225	106646	43.349	ug/l	98
95) Naphthalene	15.145	128	398736	43.236	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	176275	44.750	ug/l	97

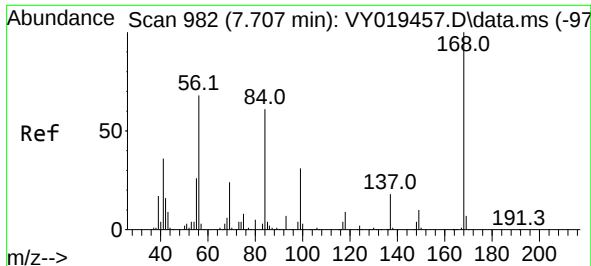
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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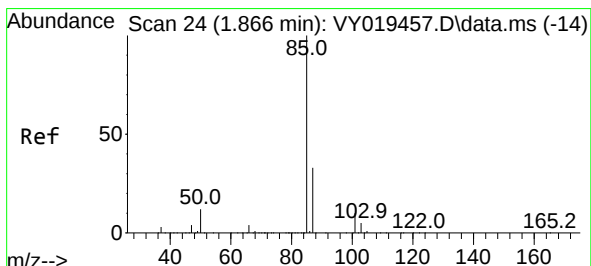
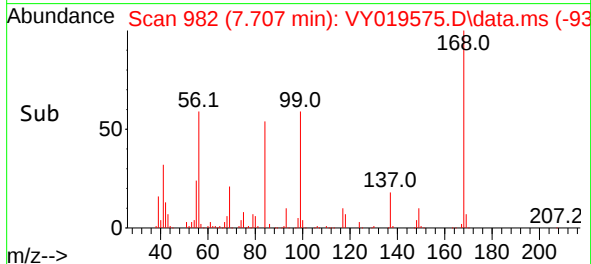
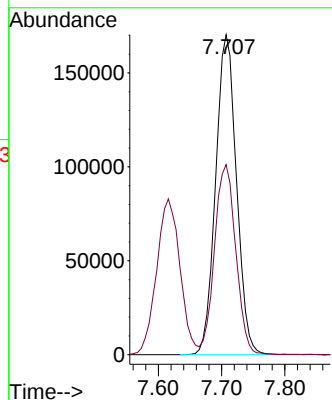
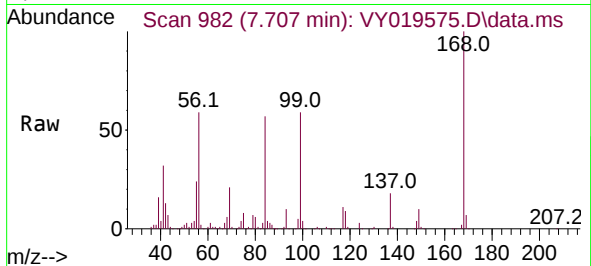
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
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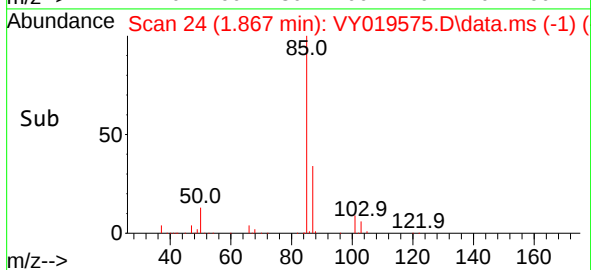
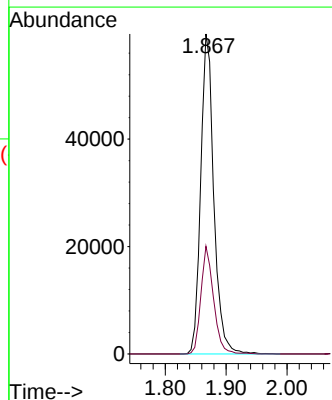
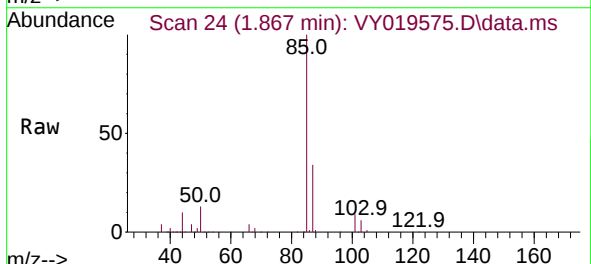
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ClientSampleId :

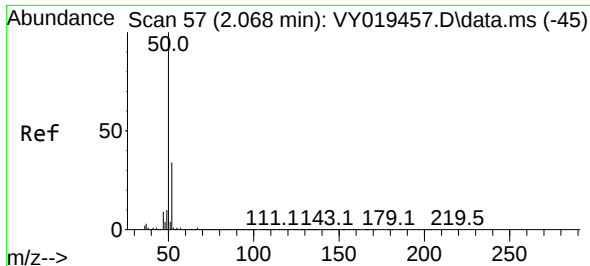
Tgt Ion:168 Resp: 388562
Ion Ratio Lower Upper
168 100
99 59.3 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 41.254 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

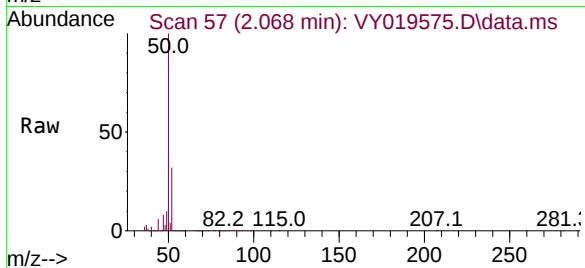
Tgt Ion: 85 Resp: 89134
Ion Ratio Lower Upper
85 100
87 33.7 16.0 48.0



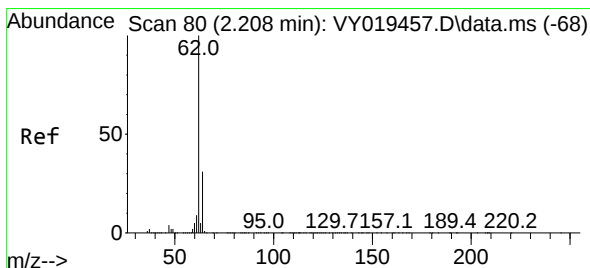
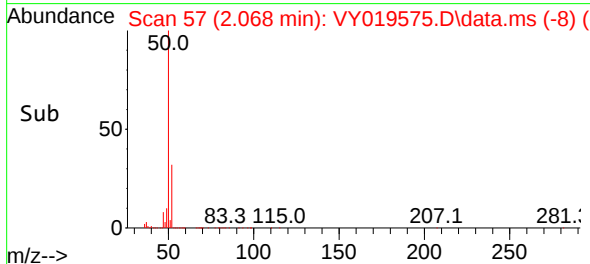
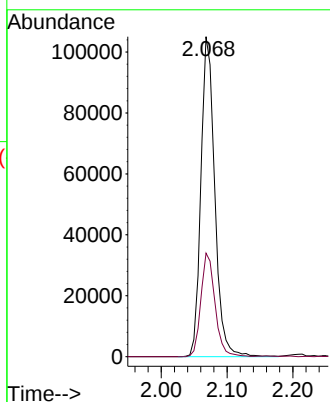


#3
Chloromethane
Concen: 47.906 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

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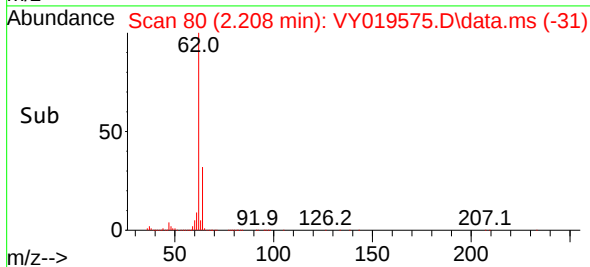
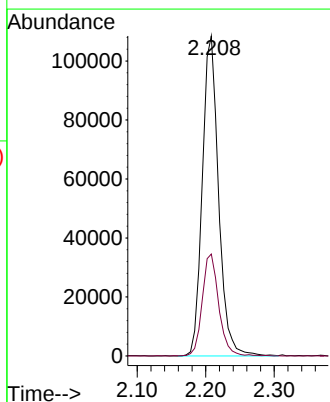
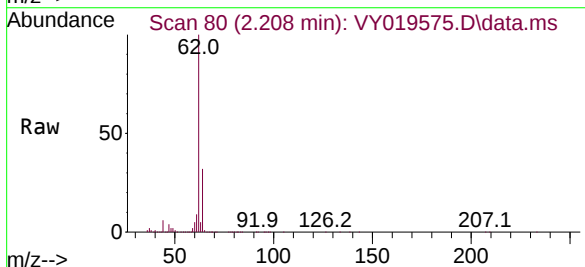


Tgt Ion: 50 Resp: 154009
Ion Ratio Lower Upper
50 100
52 32.3 25.6 38.4



#4
Vinyl Chloride
Concen: 51.583 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

Tgt Ion: 62 Resp: 179316
Ion Ratio Lower Upper
62 100
64 31.8 26.1 39.1

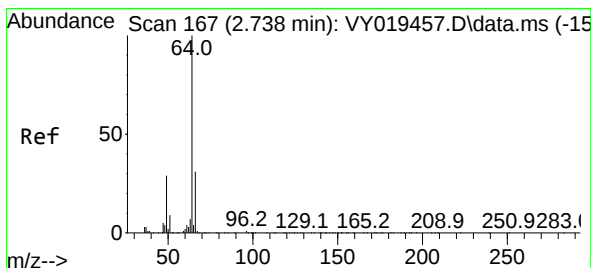
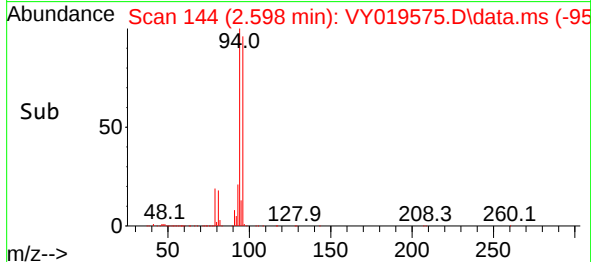
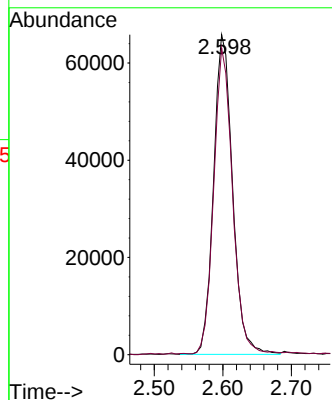
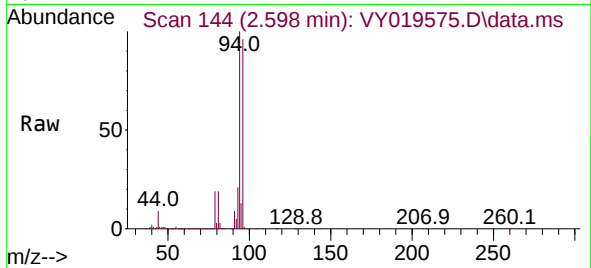




#5
Bromomethane
Concen: 59.250 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

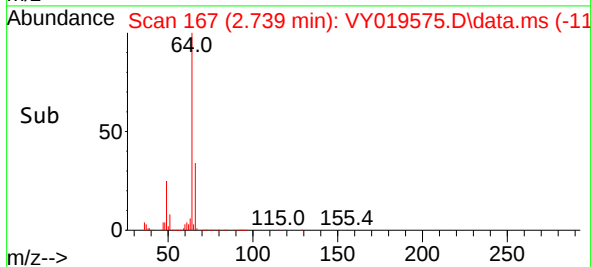
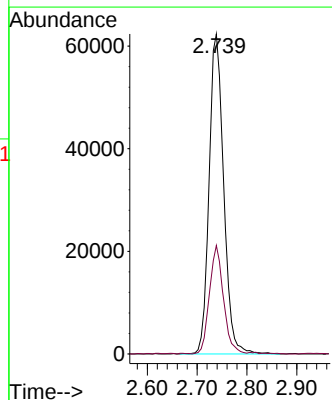
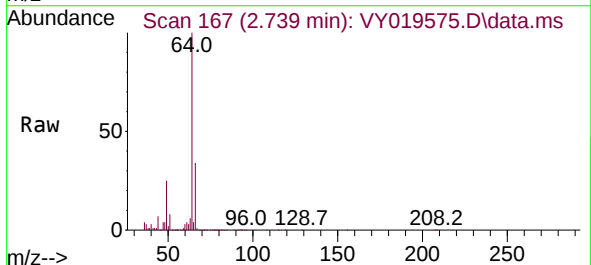
Instrument :
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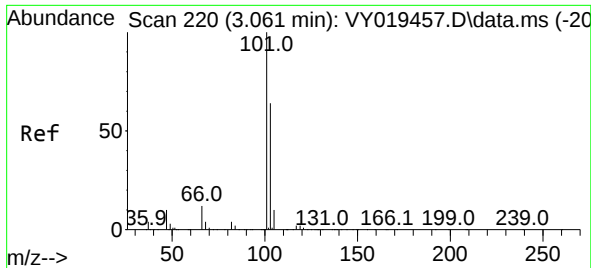
Tgt Ion: 94 Resp: 126515
Ion Ratio Lower Upper
94 100
96 95.6 74.1 111.1



#6
Chloroethane
Concen: 55.653 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

Tgt Ion: 64 Resp: 126471
Ion Ratio Lower Upper
64 100
66 33.8 26.1 39.1

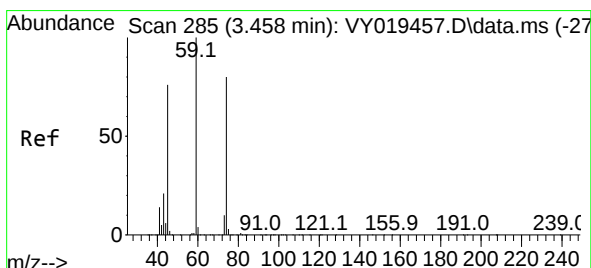
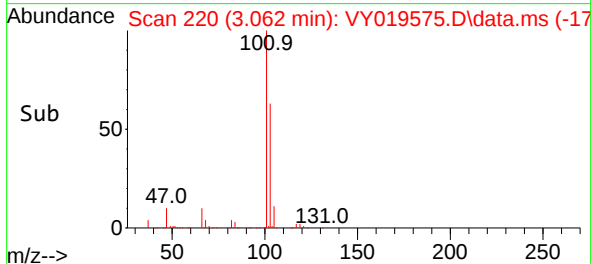
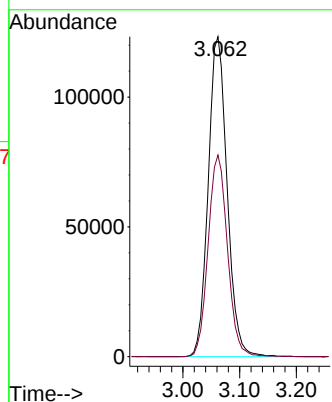
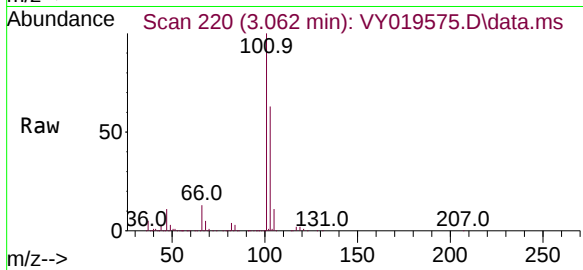




#7
 Trichlorofluoromethane
 Concen: 49.348 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019575.D
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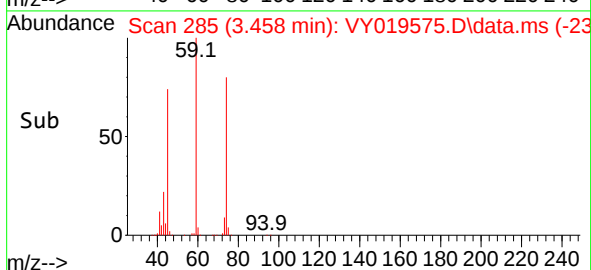
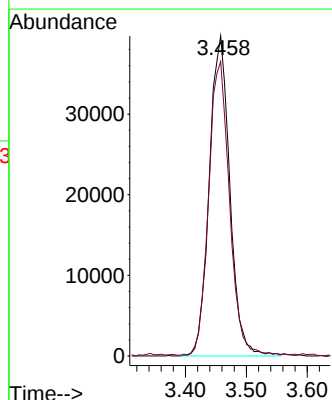
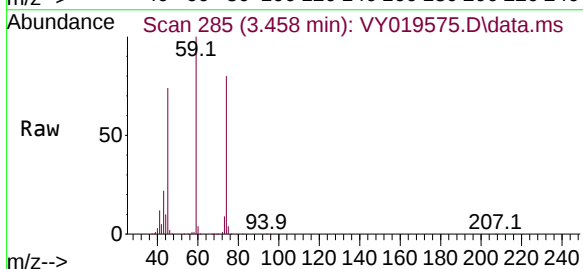
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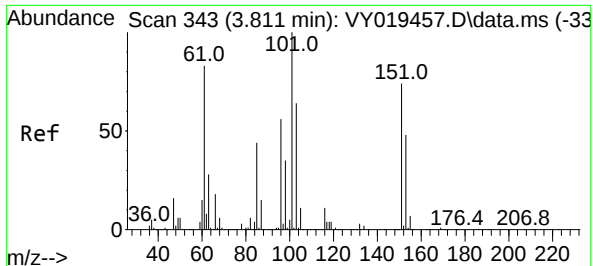
Tgt Ion:101 Resp: 285960
 Ion Ratio Lower Upper
 101 100
 103 63.0 49.3 73.9



#8
 Diethyl Ether
 Concen: 47.782 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY019575.D
 Acq: 17 Sep 2024 10:26

Tgt Ion: 74 Resp: 92942
 Ion Ratio Lower Upper
 74 100
 45 93.4 41.3 124.1

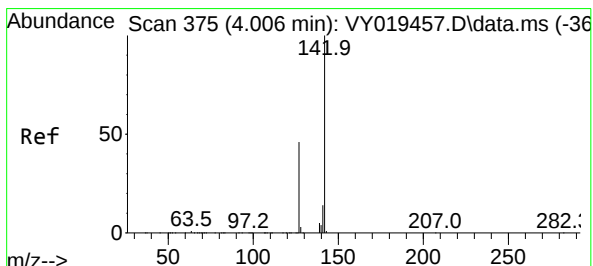
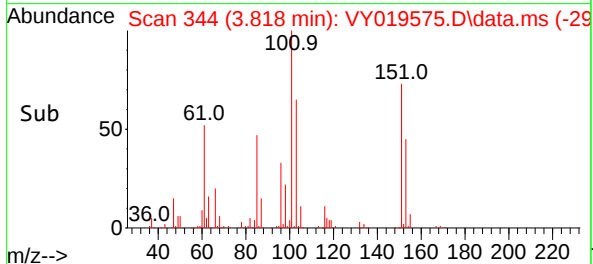
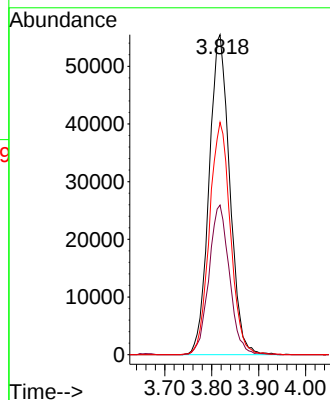
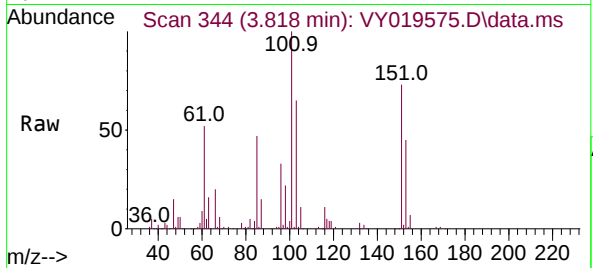




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.161 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY019575.D
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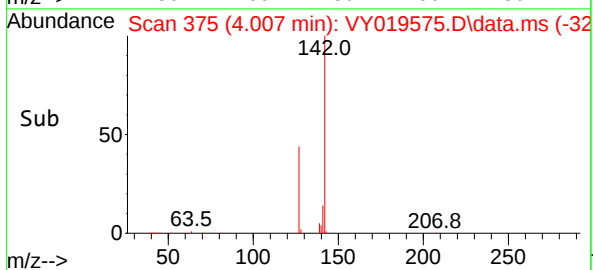
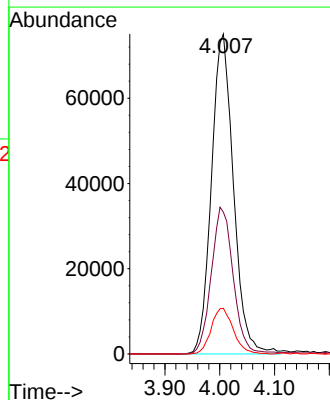
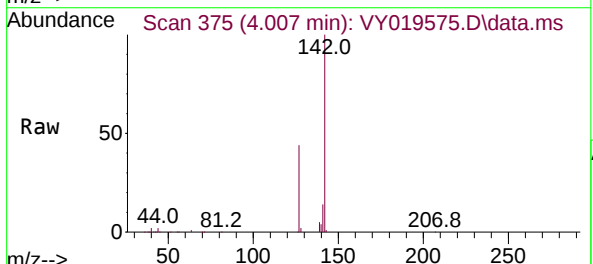
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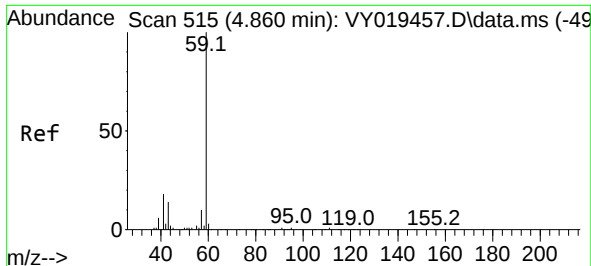
Tgt Ion:101 Resp: 169058
Ion Ratio Lower Upper
101 100
85 46.5 34.5 51.7
151 73.7 61.7 92.5



#10
Methyl Iodide
Concen: 45.574 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

Tgt Ion:142 Resp: 209453
Ion Ratio Lower Upper
142 100
127 45.8 32.8 49.2
141 14.3 11.4 17.2

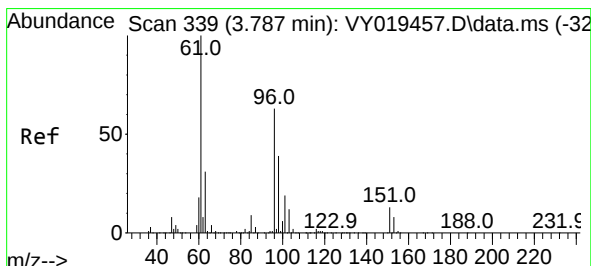
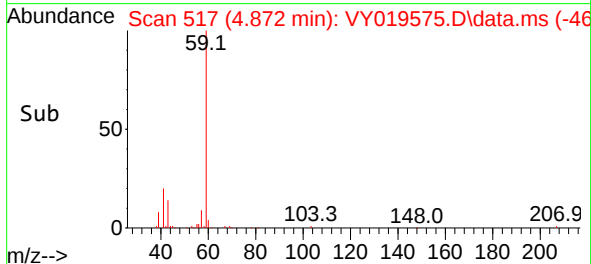
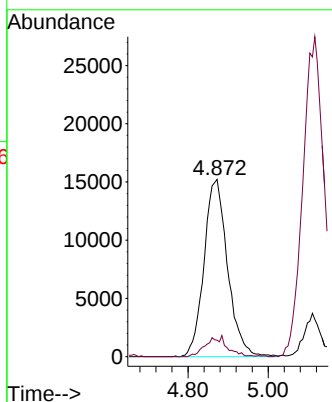
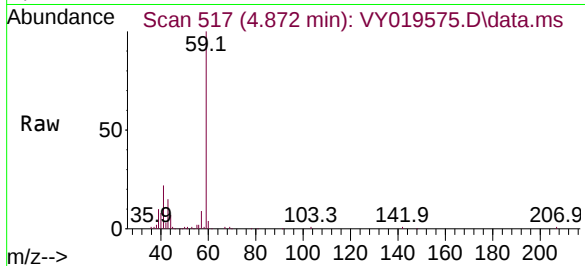




#11
Tert butyl alcohol
Concen: 213.872 ug/l
RT: 4.872 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

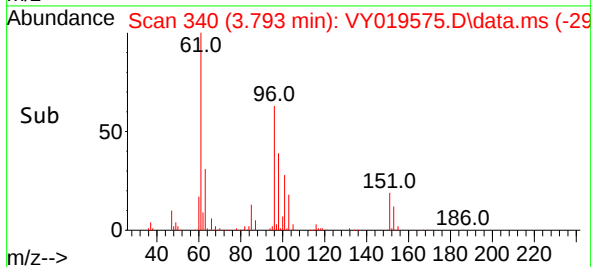
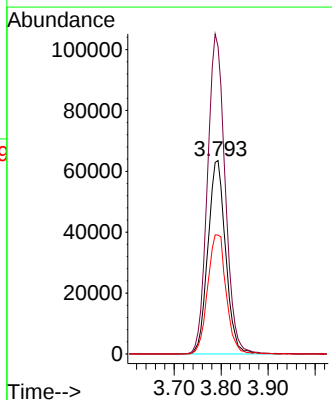
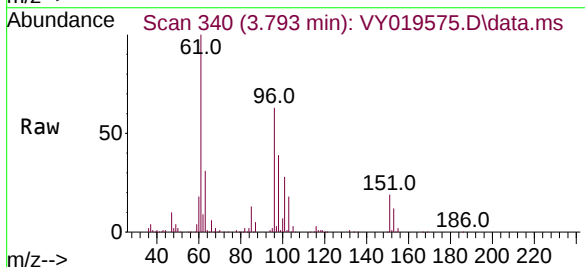
Instrument :
MSVOA_Y
ClientSampleId :

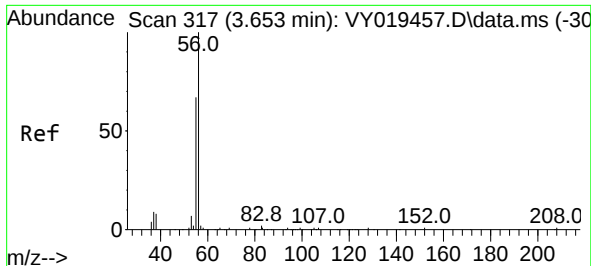
Tgt Ion: 59 Resp: 62144
Ion Ratio Lower Upper
59 100
57 10.5 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 48.155 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

Tgt Ion: 96 Resp: 166008
Ion Ratio Lower Upper
96 100
61 158.9 114.6 171.8
98 61.5 50.8 76.2





#13

Acrolein

Concen: 183.555 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

Instrument :

MSVOA_Y

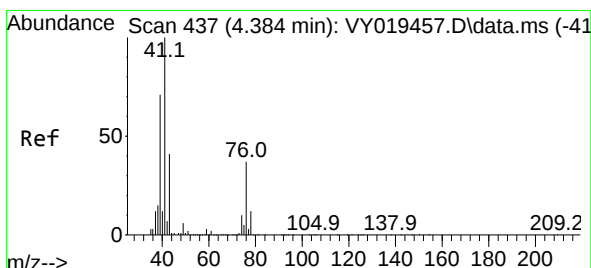
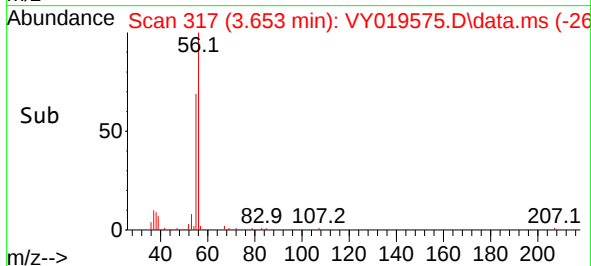
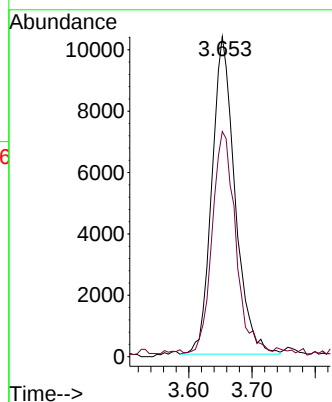
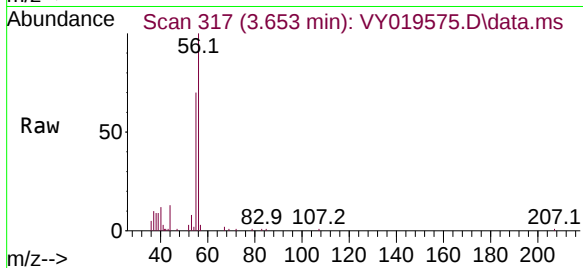
ClientSampleId :

Tgt Ion: 56 Resp: 26209

Ion Ratio Lower Upper

56 100

55 69.9 55.7 83.5



#14

Allyl chloride

Concen: 47.636 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

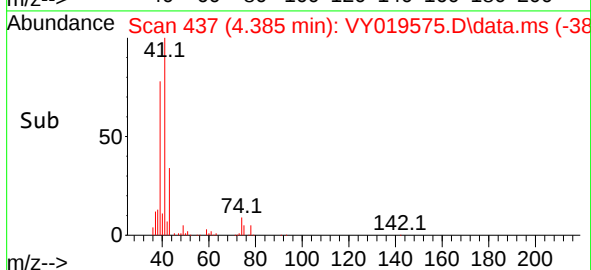
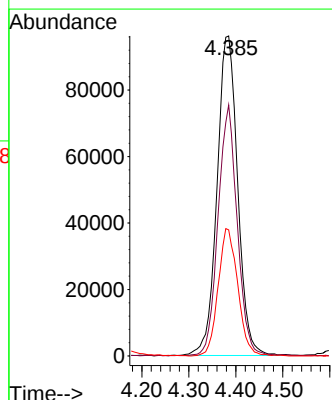
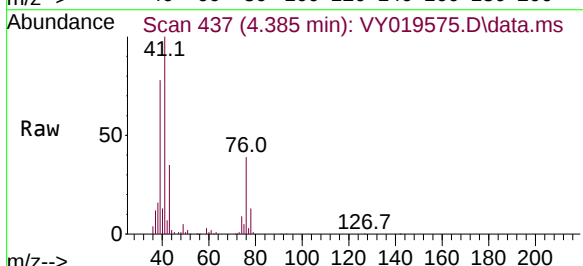
Tgt Ion: 41 Resp: 294499

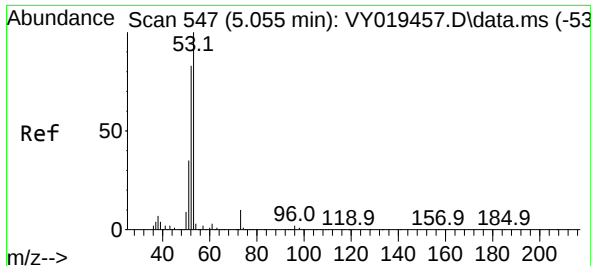
Ion Ratio Lower Upper

41 100

39 72.4 58.3 87.5

76 37.8 39.0 58.6#

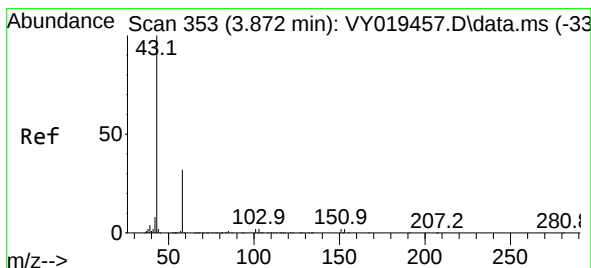
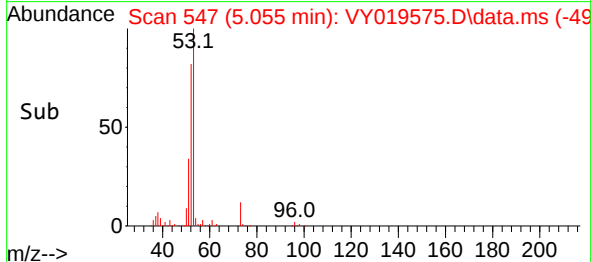
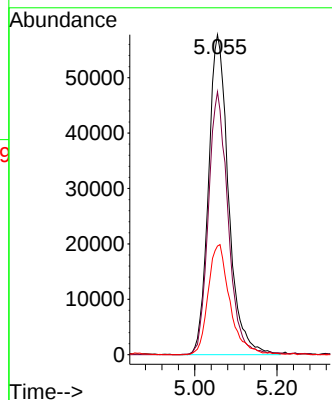
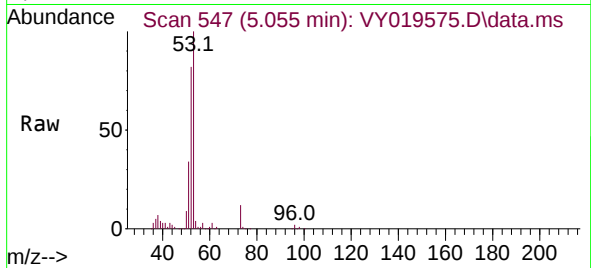




#15
Acrylonitrile
Concen: 233.396 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

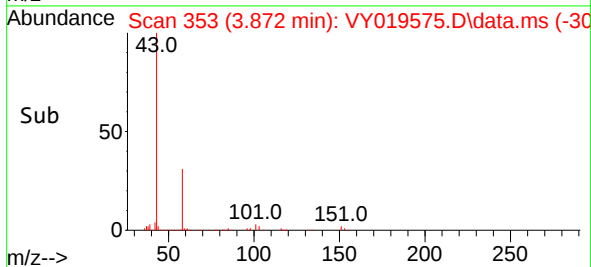
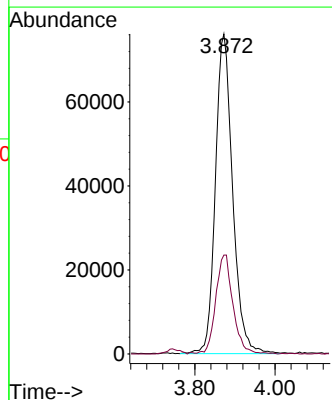
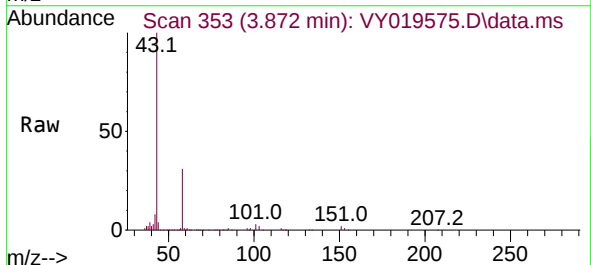
Instrument :
MSVOA_Y
ClientSampleId :

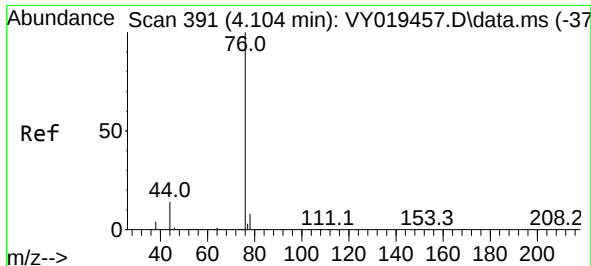
Tgt Ion: 53 Resp: 195750
Ion Ratio Lower Upper
53 100
52 80.7 64.7 97.1
51 37.4 28.4 42.6



#16
Acetone
Concen: 264.785 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

Tgt Ion: 43 Resp: 226966
Ion Ratio Lower Upper
43 100
58 30.8 31.7 47.5#

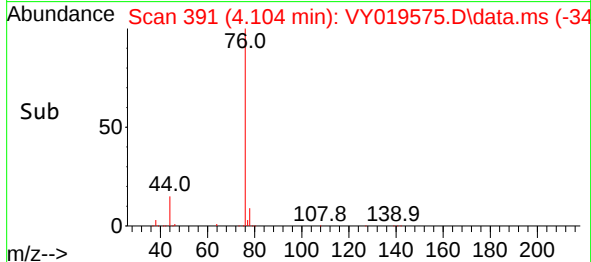
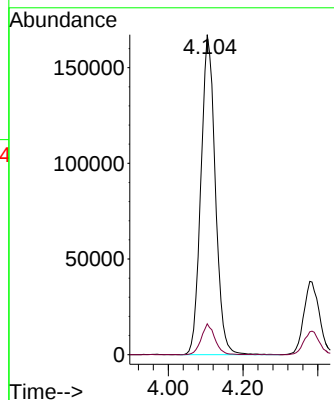
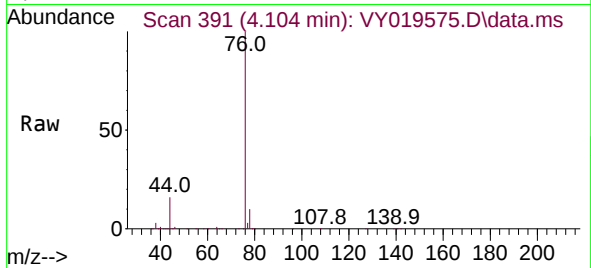




#17
Carbon Disulfide
Concen: 47.941 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

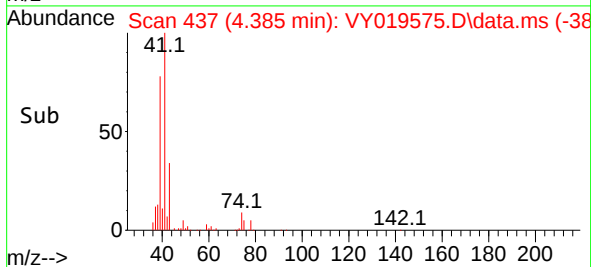
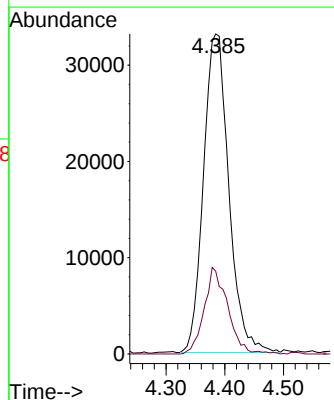
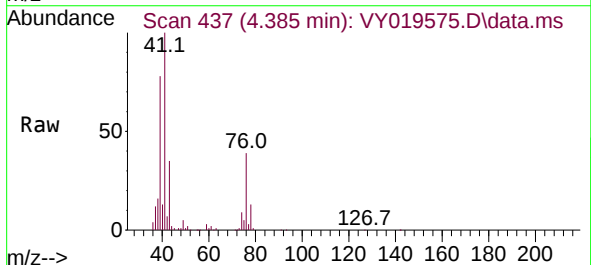
Instrument :
MSVOA_Y
ClientSampleId :

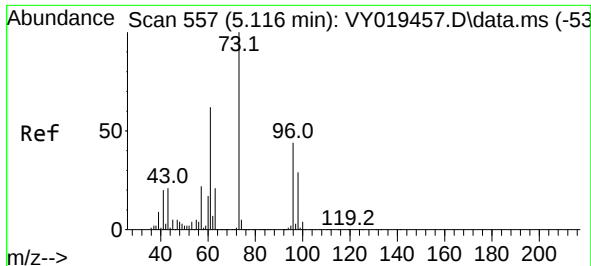
Tgt Ion: 76 Resp: 446539
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#18
Methyl Acetate
Concen: 42.635 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

Tgt Ion: 43 Resp: 99176
Ion Ratio Lower Upper
43 100
74 25.3 23.3 34.9

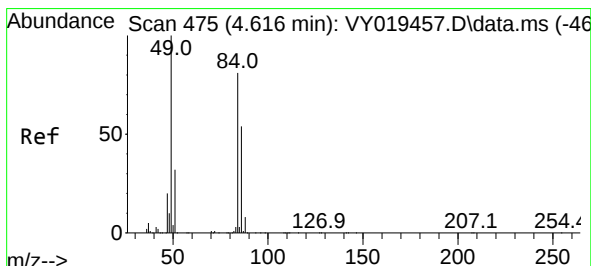
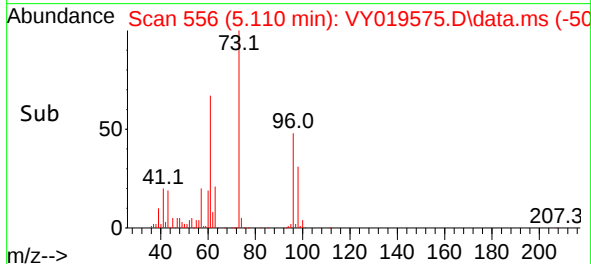
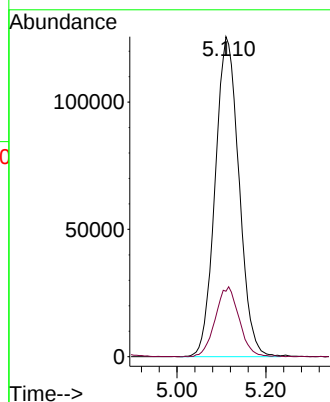
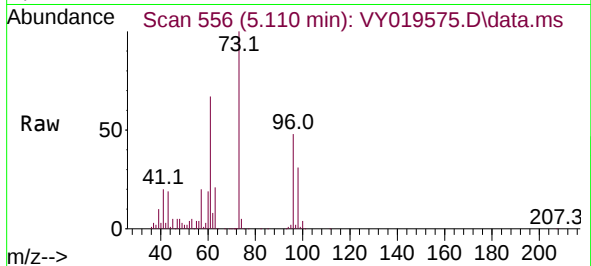




#19
Methyl tert-butyl Ether
Concen: 47.813 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

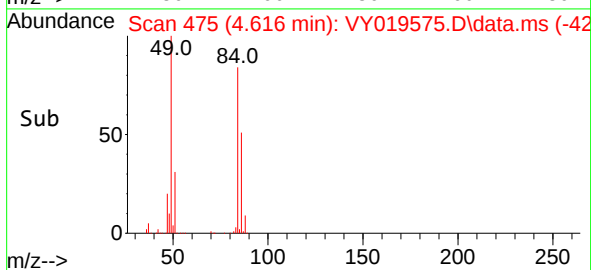
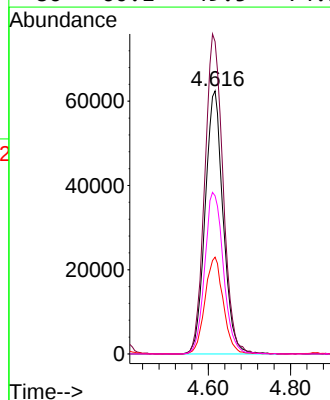
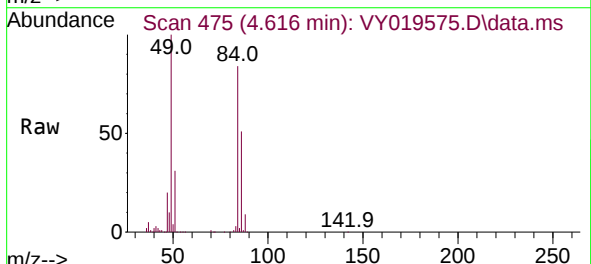
Instrument :
MSVOA_Y
ClientSampleId :

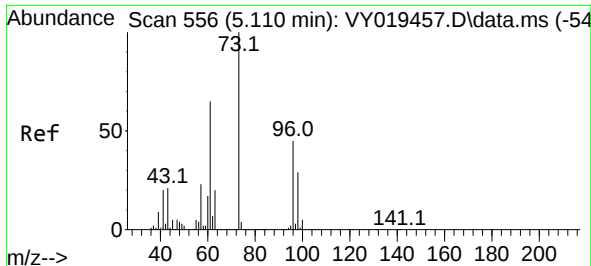
Tgt Ion: 73 Resp: 466837
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9



#20
Methylene Chloride
Concen: 48.525 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

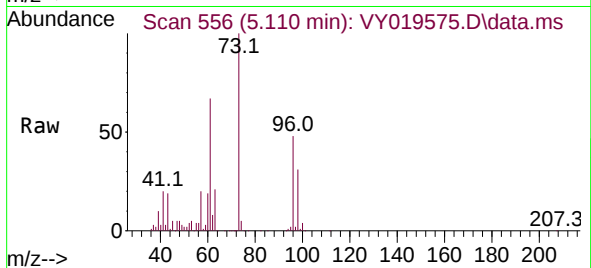
Tgt Ion: 84 Resp: 189690
Ion Ratio Lower Upper
84 100
49 118.7 84.4 126.6
51 36.8 26.0 39.0
86 60.1 49.5 74.3



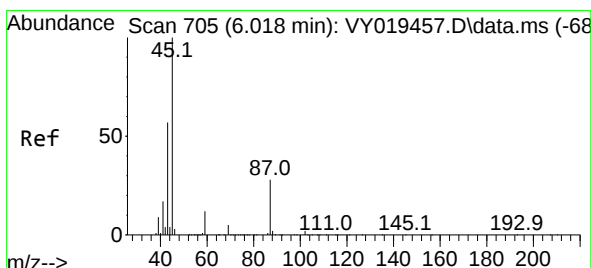
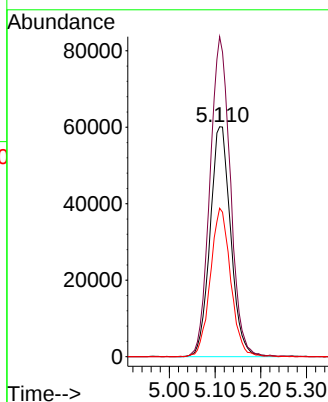
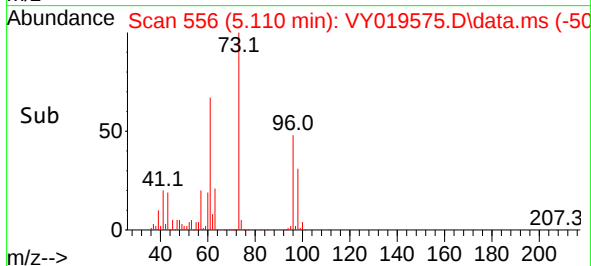


#21
trans-1,2-Dichloroethene
Concen: 49.979 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

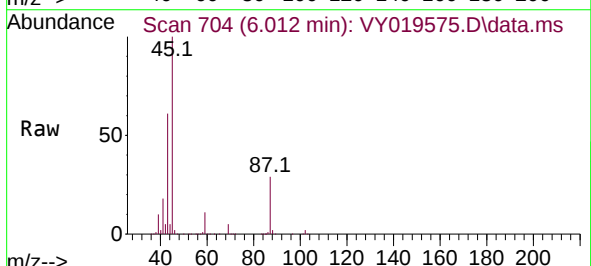
Instrument :
MSVOA_Y
ClientSampleId :



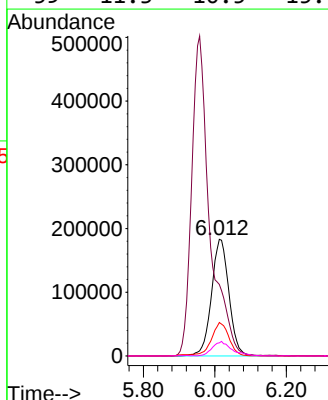
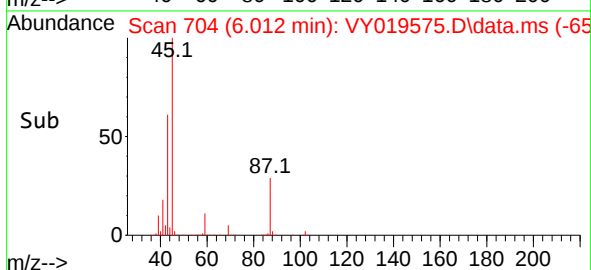
Tgt Ion: 96 Resp: 188853
Ion Ratio Lower Upper
96 100
61 139.1 97.5 146.3
98 64.5 50.5 75.7



#22
Diisopropyl ether
Concen: 48.867 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26



Tgt Ion: 45 Resp: 620384
Ion Ratio Lower Upper
45 100
43 61.0 42.2 63.2
87 28.7 25.0 37.6
59 11.3 10.5 15.7

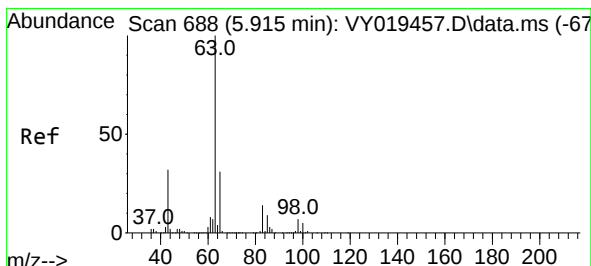
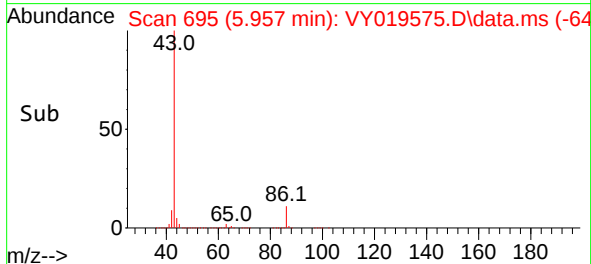
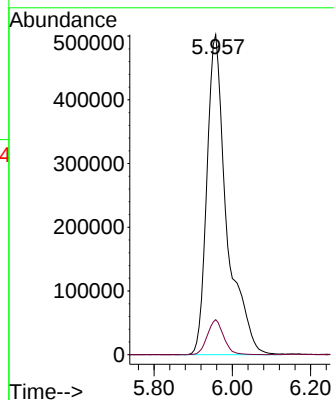
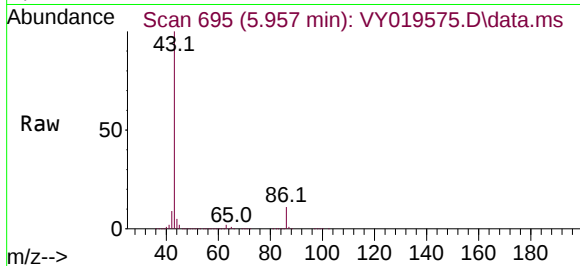




#23
 Vinyl Acetate
 Concen: 243.318 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY019575.D
 Acq: 17 Sep 2024 10:26

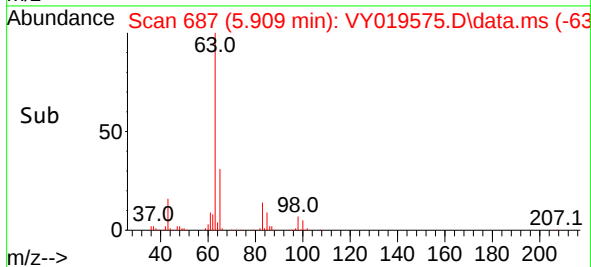
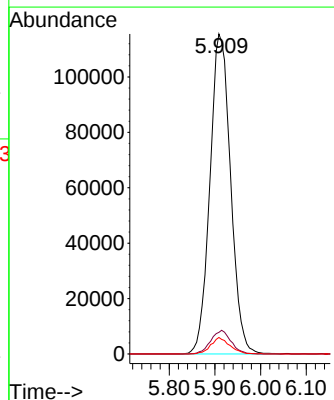
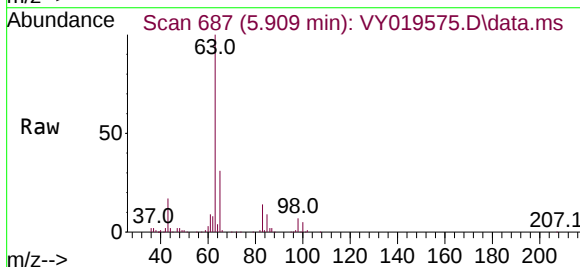
Instrument :
 MSVOA_Y
 ClientSampleId :

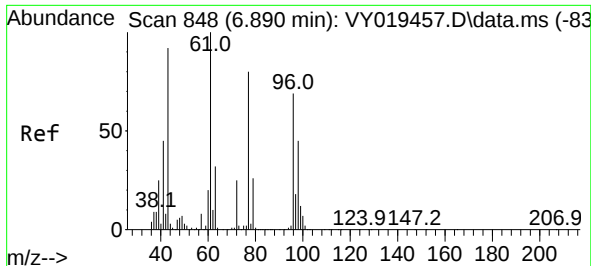
Tgt Ion: 43 Resp: 1764400
 Ion Ratio Lower Upper
 43 100
 86 10.9 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 50.948 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY019575.D
 Acq: 17 Sep 2024 10:26

Tgt Ion: 63 Resp: 362946
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.0 12.2
 100 5.1 2.6 8.0

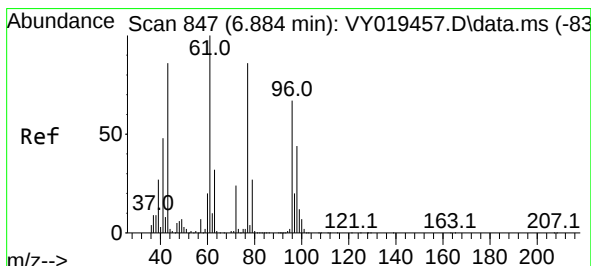
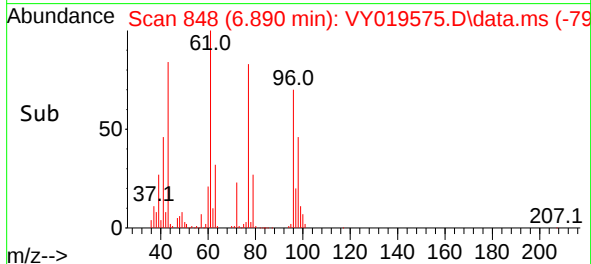
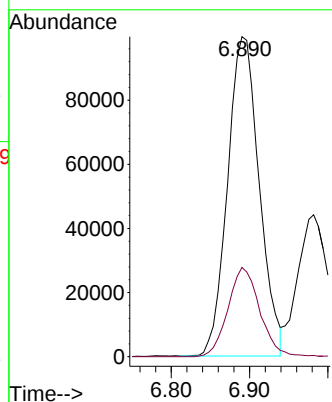
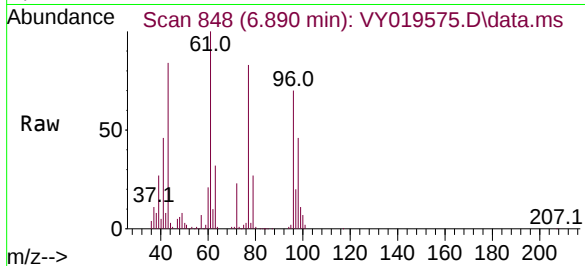




#25
2-Butanone
Concen: 229.467 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

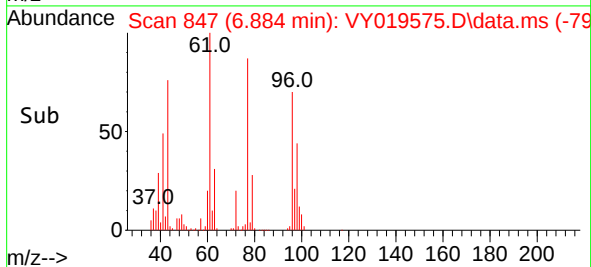
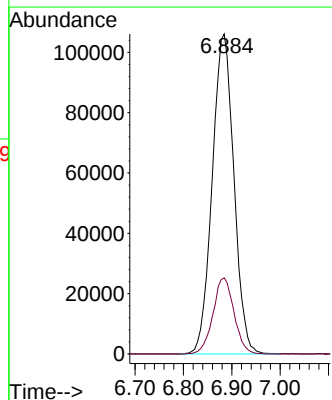
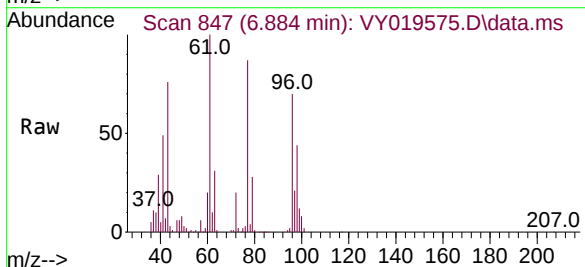
Instrument :
MSVOA_Y
ClientSampleId :

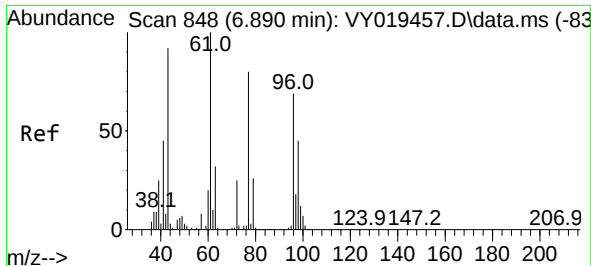
Tgt Ion: 43 Resp: 279746
Ion Ratio Lower Upper
43 100
72 28.0 27.3 40.9



#26
2,2-Dichloropropane
Concen: 51.359 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

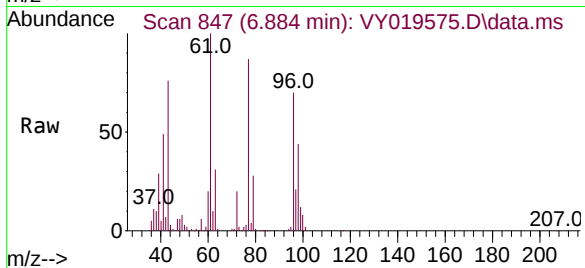
Tgt Ion: 77 Resp: 330030
Ion Ratio Lower Upper
77 100
97 23.1 12.0 36.1





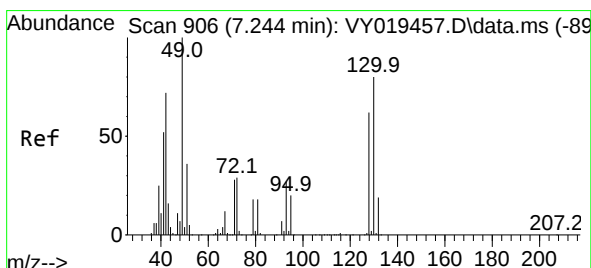
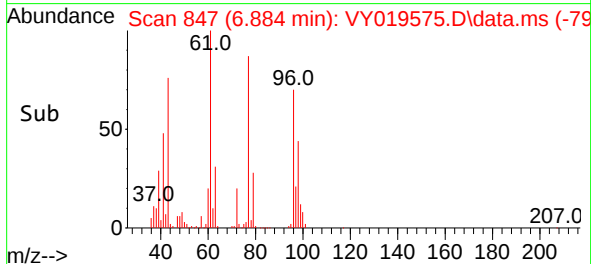
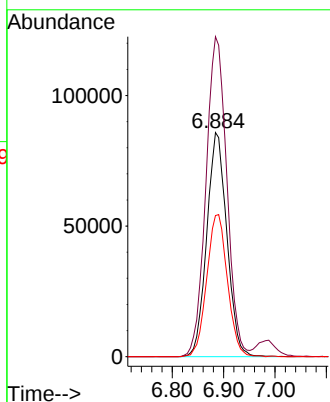
#27
 cis-1,2-Dichloroethene
 Concen: 50.852 ug/l
 RT: 6.884 min Scan# 848
 Delta R.T. -0.006 min
 Lab File: VY019575.D
 Acq: 17 Sep 2024 10:26

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 233409

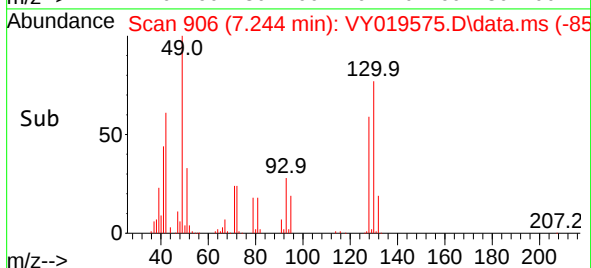
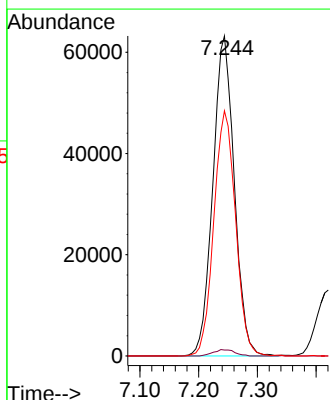
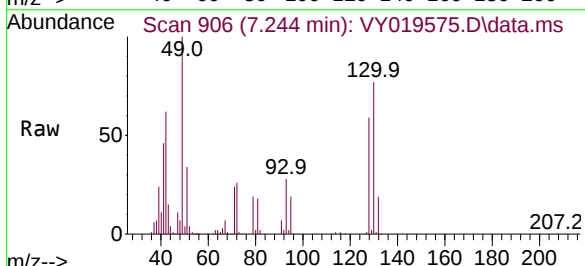
Ion	Ratio	Lower	Upper
96	100		
61	148.3	0.0	256.2
98	65.2	0.0	130.0



#28
 Bromochloromethane
 Concen: 53.458 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019575.D
 Acq: 17 Sep 2024 10:26

Tgt Ion: 49 Resp: 160233

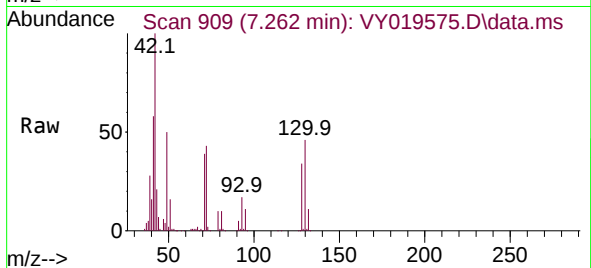
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	77.6	72.7	109.1



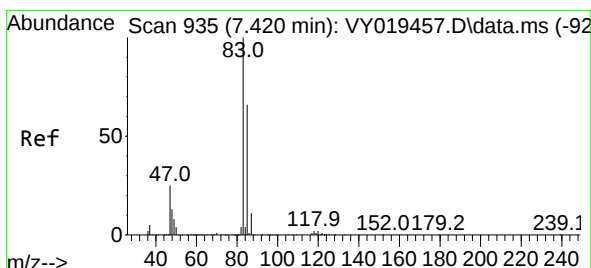
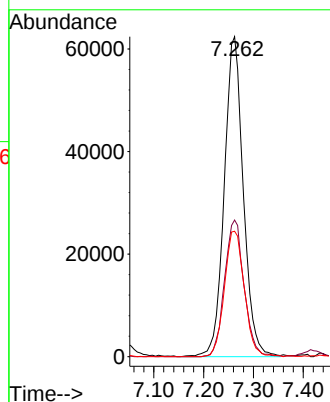
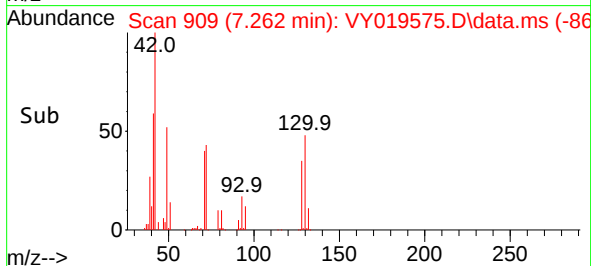


#29
Tetrahydrofuran
Concen: 223.767 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

Instrument :
MSVOA_Y
ClientSampleId :

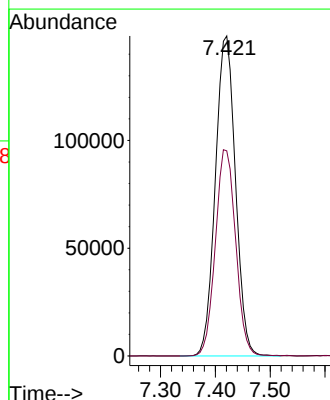
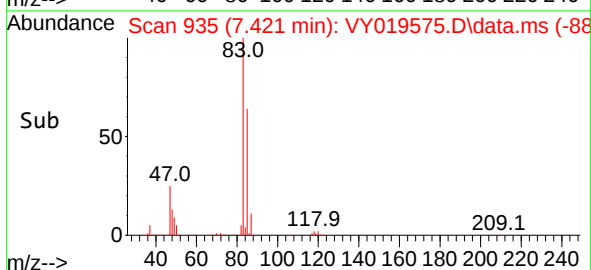
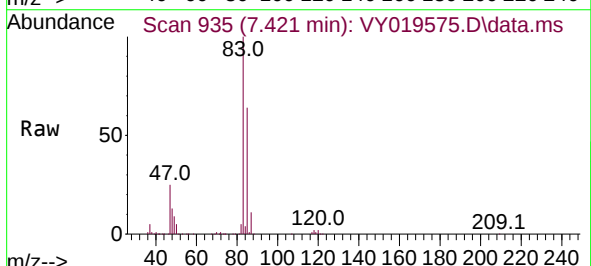


Tgt Ion: 42 Resp: 165865
Ion Ratio Lower Upper
42 100
72 43.6 43.0 64.4
71 41.0 40.8 61.2



#30
Chloroform
Concen: 52.061 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

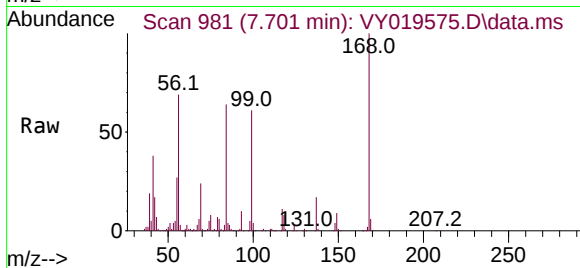
Tgt Ion: 83 Resp: 378601
Ion Ratio Lower Upper
83 100
85 64.1 52.2 78.4



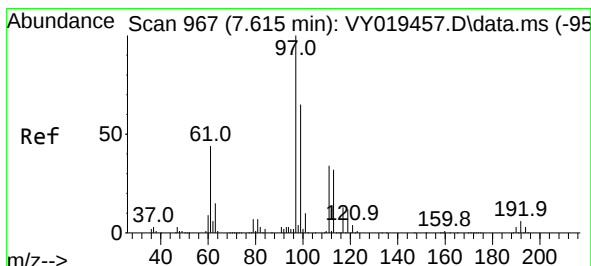
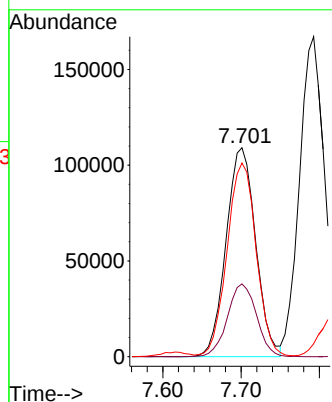
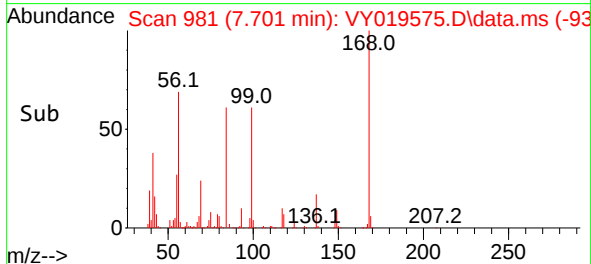


#31
Cyclohexane
Concen: 44.502 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

Instrument :
MSVOA_Y
ClientSampleId :

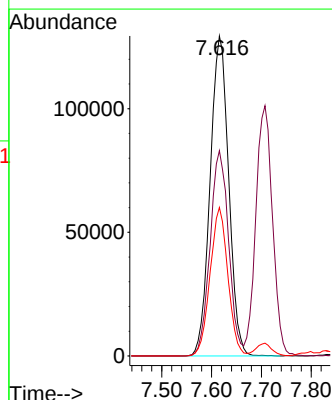
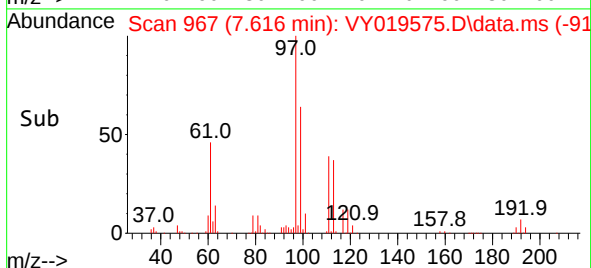
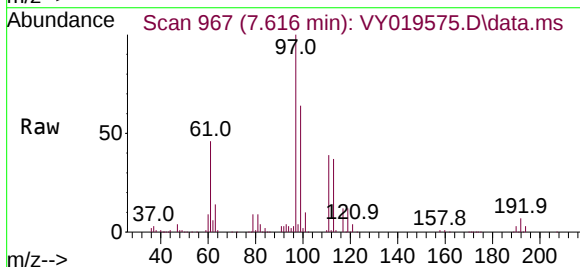


Tgt Ion: 56 Resp: 286557
Ion Ratio Lower Upper
56 100
69 34.8 28.7 43.1
84 90.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 51.228 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

Tgt Ion: 97 Resp: 333922
Ion Ratio Lower Upper
97 100
99 64.3 50.3 75.5
61 44.6 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 55.823 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

Instrument :

MSVOA_Y

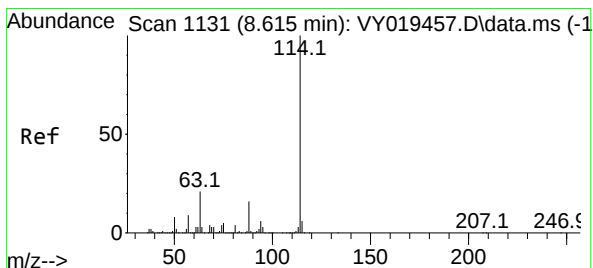
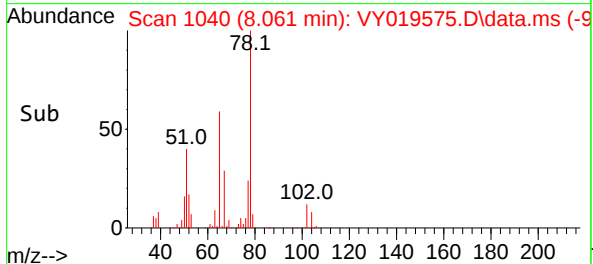
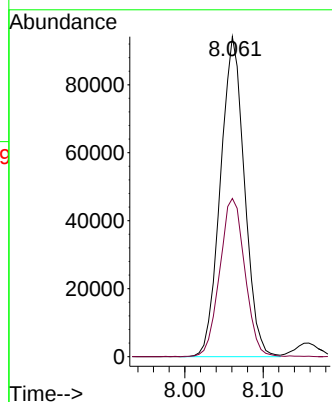
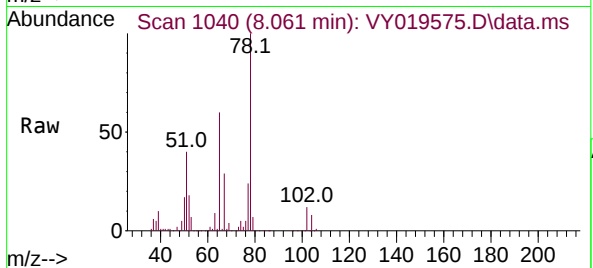
ClientSampleId :

Tgt Ion: 65 Resp: 200852

Ion Ratio Lower Upper

65 100

67 51.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

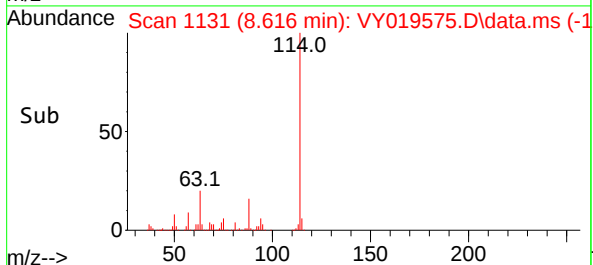
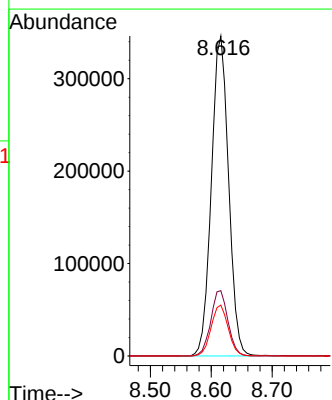
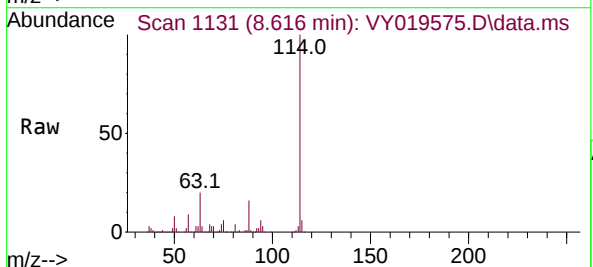
Tgt Ion: 114 Resp: 679481

Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.0

88 15.9 0.0 27.2

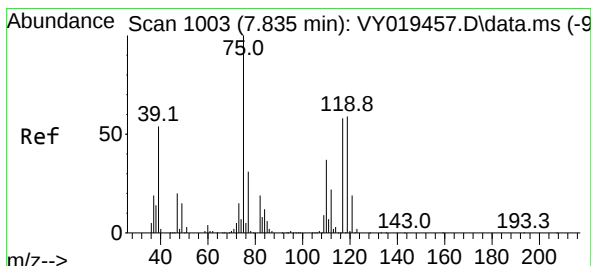
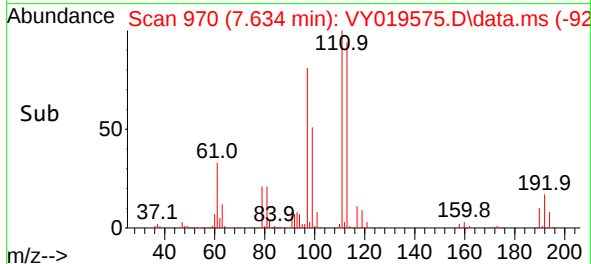
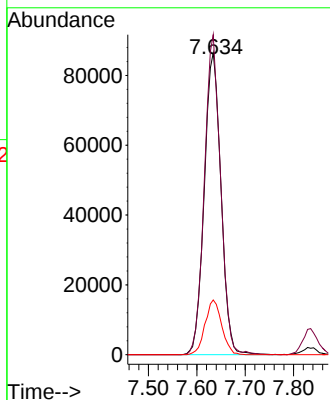
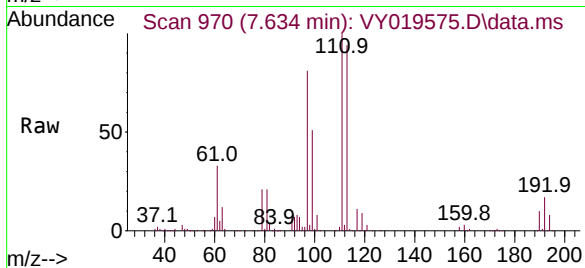




#35
Dibromofluoromethane
Concen: 53.888 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

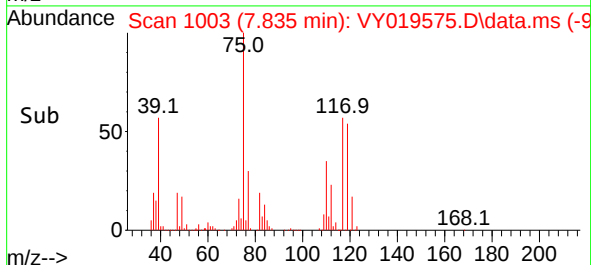
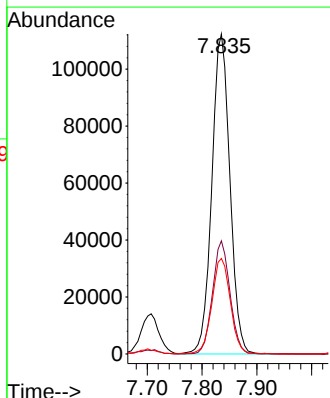
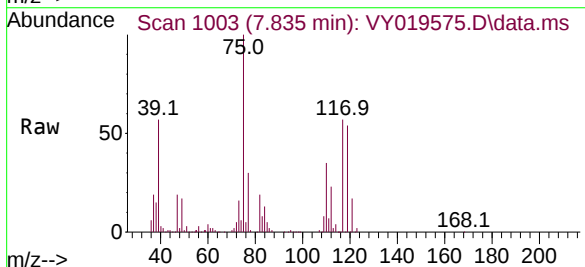
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 207606
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 18.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 49.023 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

Tgt Ion: 75 Resp: 256989
Ion Ratio Lower Upper
75 100
110 34.1 19.0 57.0
77 30.6 25.3 37.9





#37

Ethyl Acetate

Concen: 46.173 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

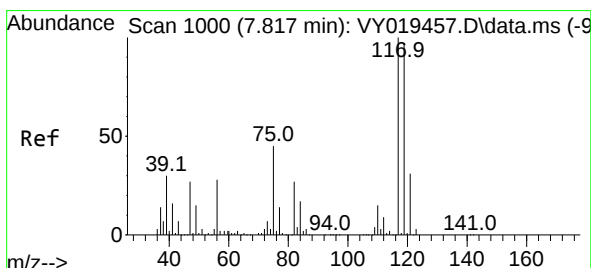
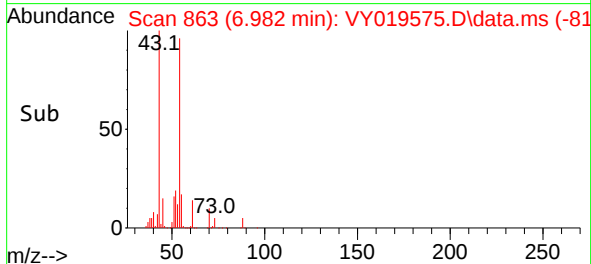
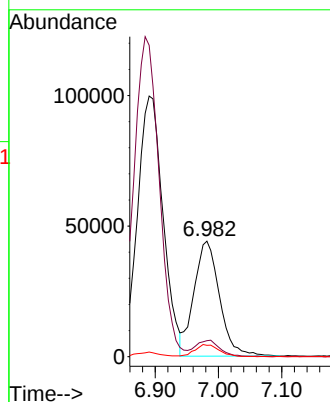
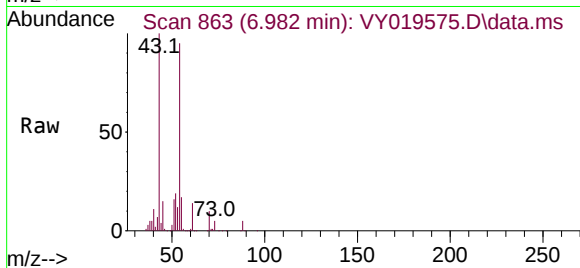
Tgt Ion: 43 Resp: 124020

Ion Ratio Lower Upper

43 100

61 13.7 12.6 19.0

70 10.1 7.8 11.8



#38

Carbon Tetrachloride

Concen: 48.687 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

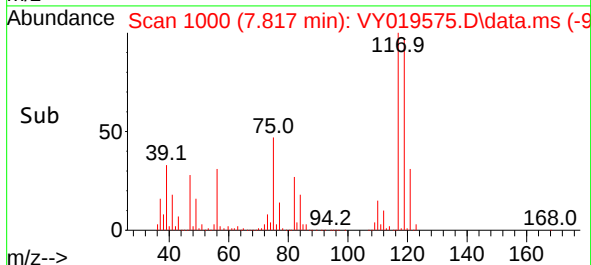
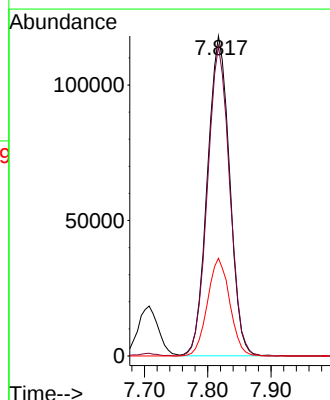
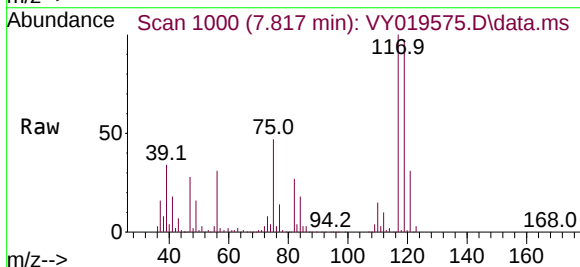
Tgt Ion: 117 Resp: 287812

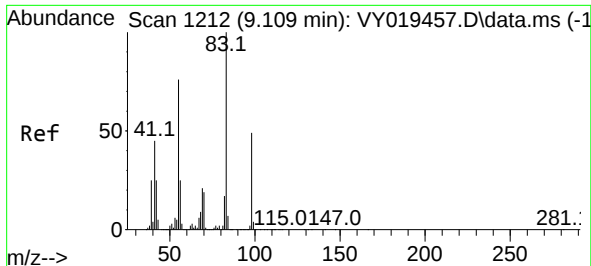
Ion Ratio Lower Upper

117 100

119 96.9 75.8 113.6

121 30.5 24.0 36.0





#39

Methylcyclohexane

Concen: 45.356 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

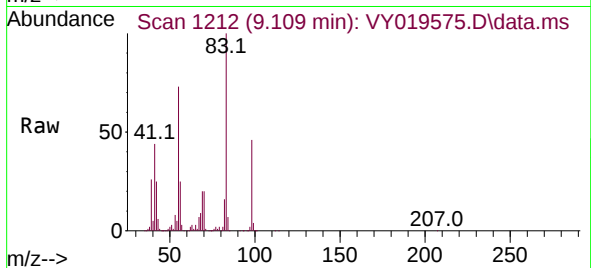
Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :



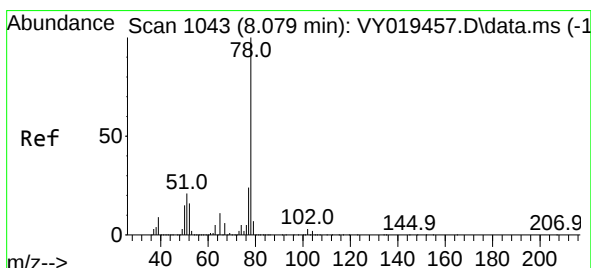
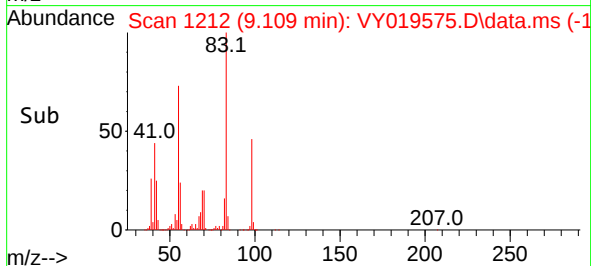
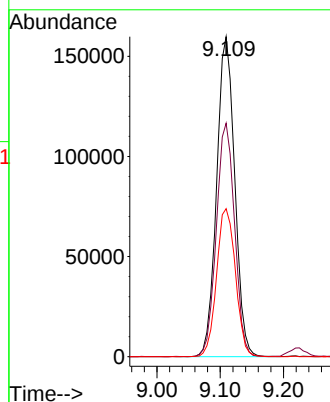
Tgt Ion: 83 Resp: 316415

Ion Ratio Lower Upper

83 100

55 72.9 51.5 77.3

98 46.2 40.5 60.7



#40

Benzene

Concen: 49.230 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019575.D

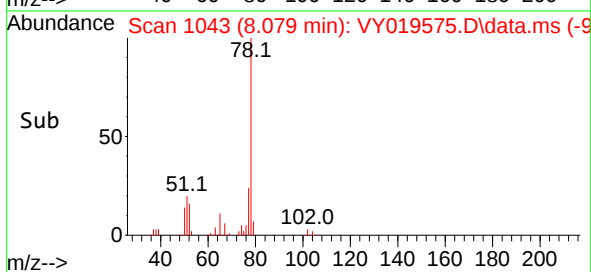
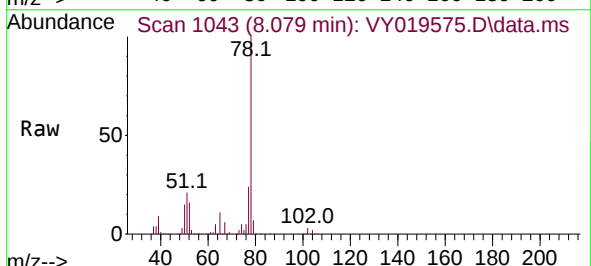
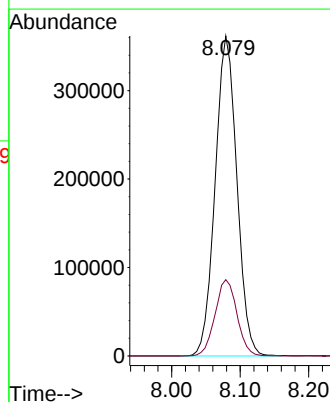
Acq: 17 Sep 2024 10:26

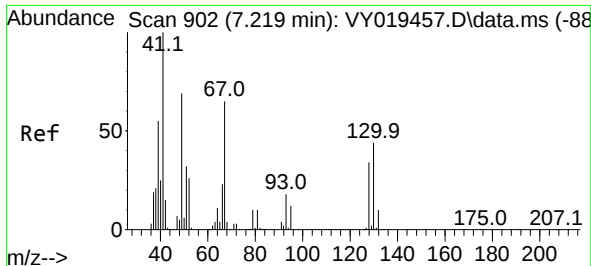
Tgt Ion: 78 Resp: 794882

Ion Ratio Lower Upper

78 100

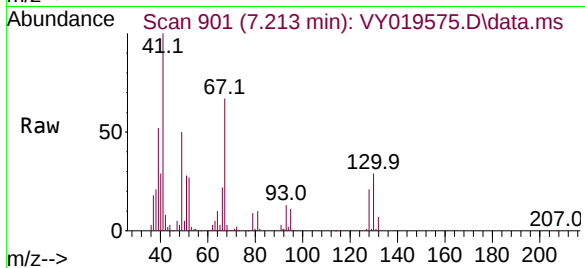
77 23.9 19.5 29.3



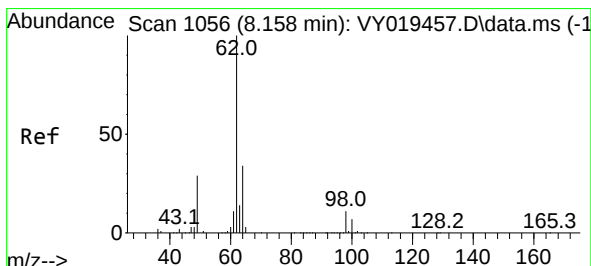
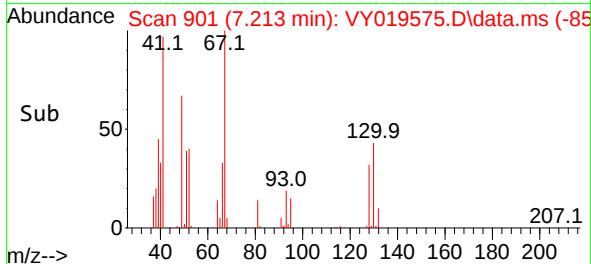
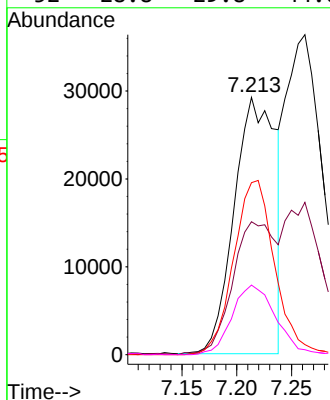


#41
Methacrylonitrile
Concen: 49.019 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

Instrument :
MSVOA_Y
ClientSampleId :

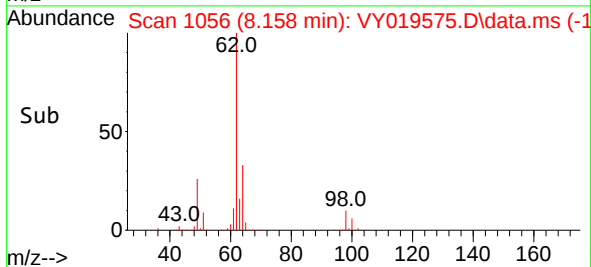
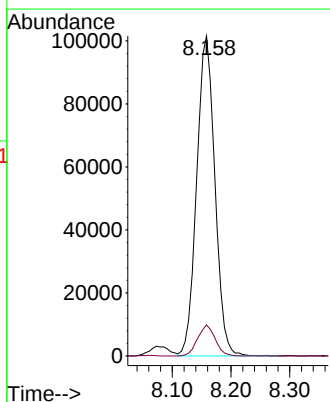
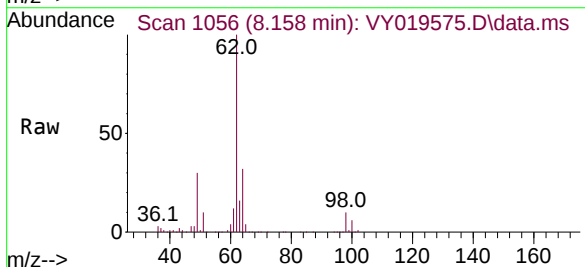


Tgt Ion: 41 Resp: 76750
Ion Ratio Lower Upper
41 100
39 54.0 48.0 72.0
67 67.6 75.1 112.7#
52 28.8 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 50.220 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

Tgt Ion: 62 Resp: 218194
Ion Ratio Lower Upper
62 100
98 9.3 0.0 22.0

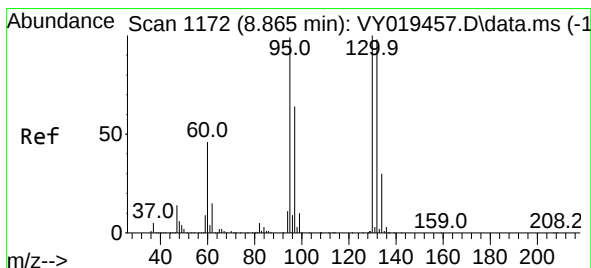
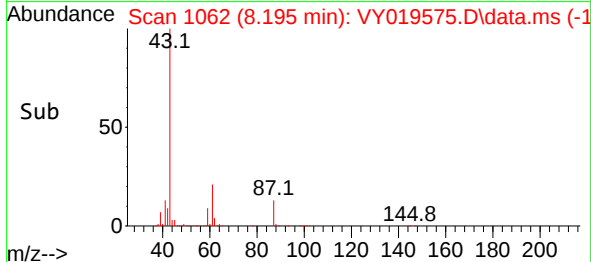
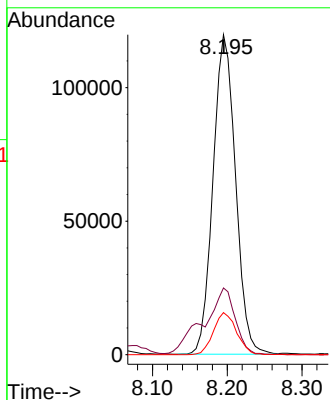
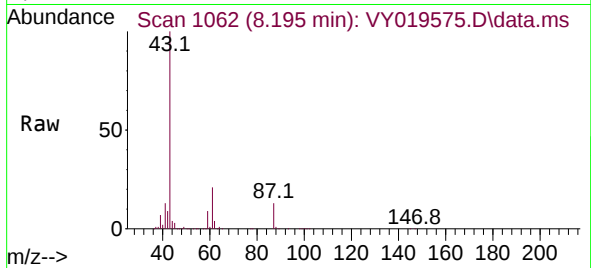




#43
Isopropyl Acetate
Concen: 44.455 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

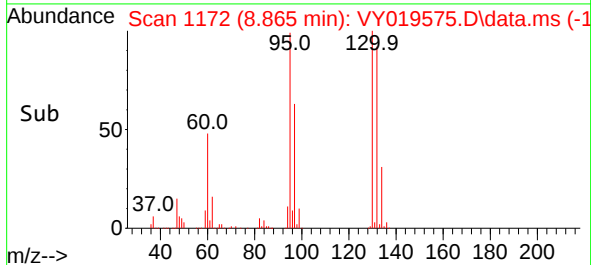
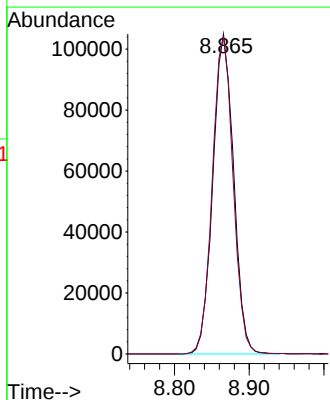
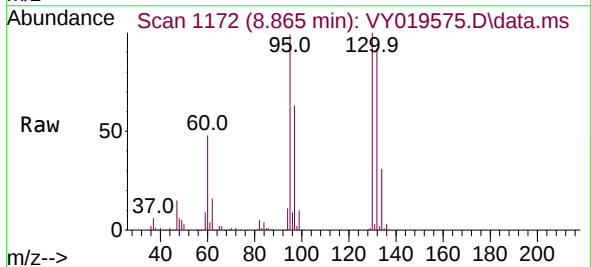
Instrument :
MSVOA_Y
ClientSampleId :

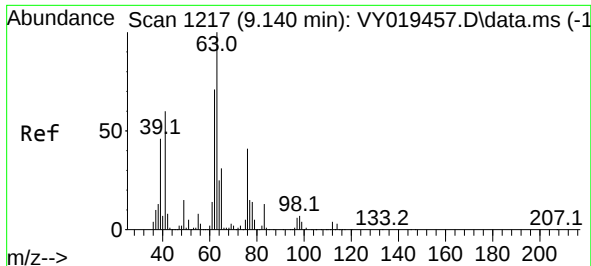
Tgt Ion: 43 Resp: 250861
Ion Ratio Lower Upper
43 100
61 29.7 27.9 41.9
87 13.6 13.1 19.7



#44
Trichloroethene
Concen: 48.780 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

Tgt Ion:130 Resp: 202557
Ion Ratio Lower Upper
130 100
95 99.2 0.0 188.0





#45

1,2-Dichloropropane

Concen: 48.304 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

Instrument :

MSVOA_Y

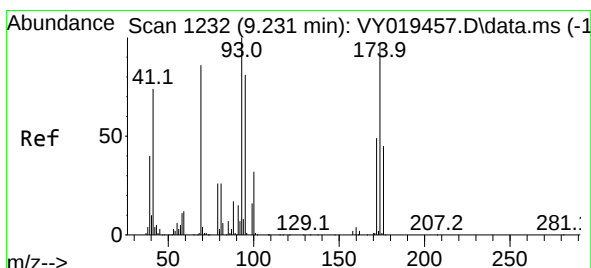
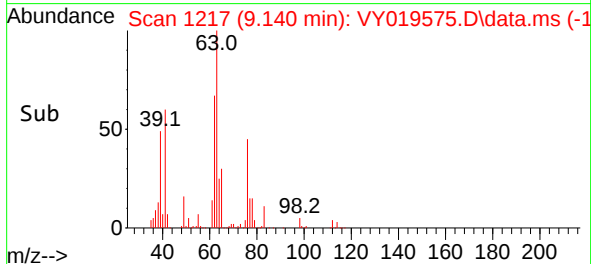
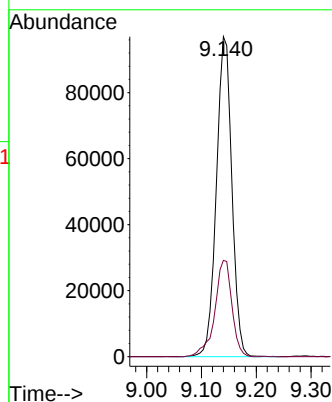
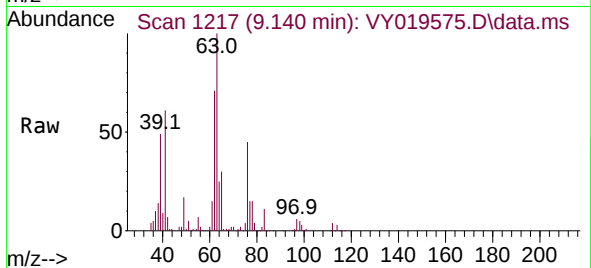
ClientSampleId :

Tgt Ion: 63 Resp: 190670

Ion Ratio Lower Upper

63 100

65 30.1 25.4 38.2



#46

Dibromomethane

Concen: 49.253 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

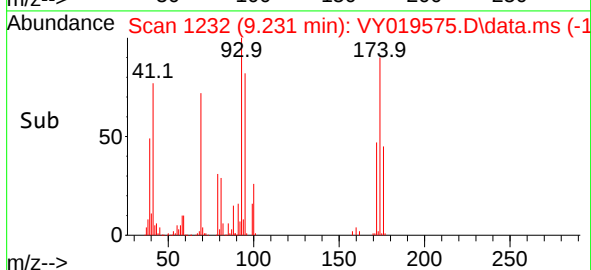
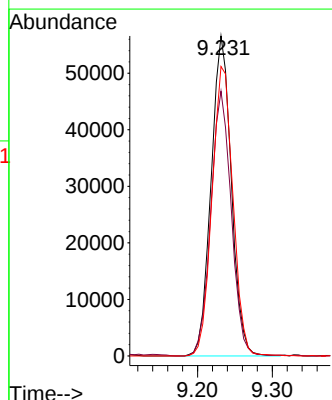
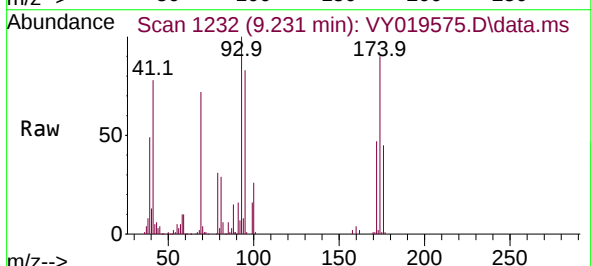
Tgt Ion: 93 Resp: 106318

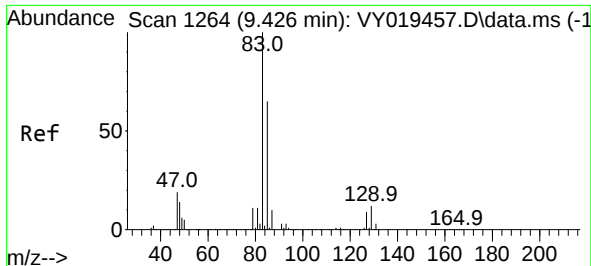
Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.4

174 93.4 80.9 121.3

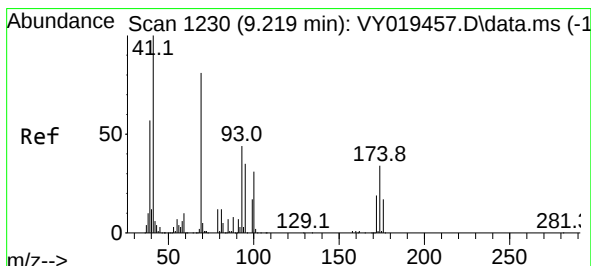
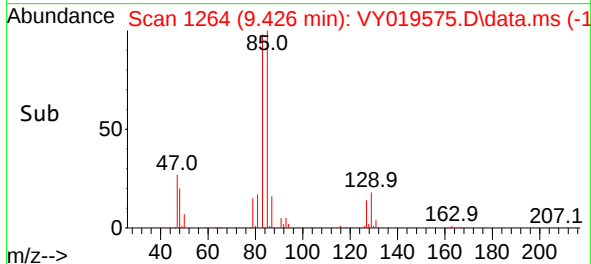
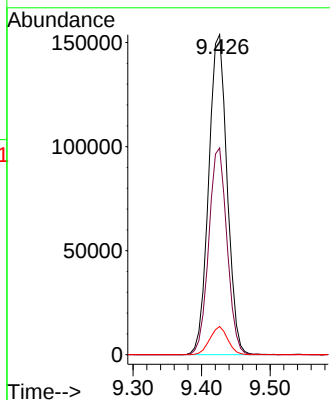
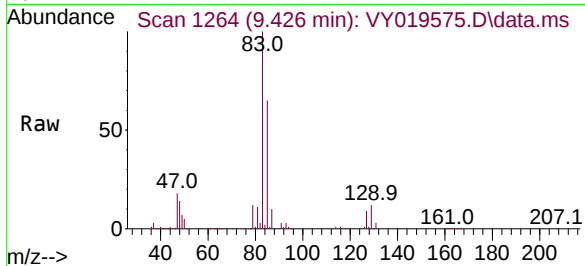




#47
Bromodichloromethane
Concen: 49.589 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

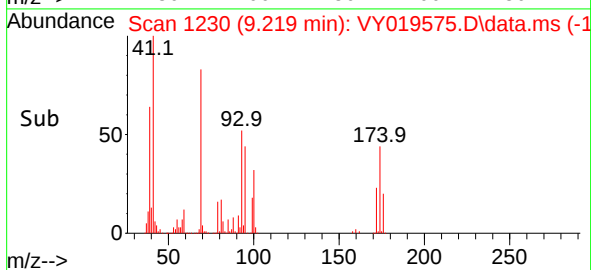
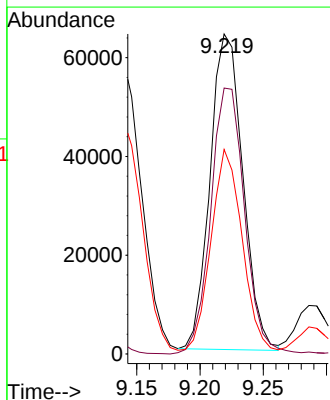
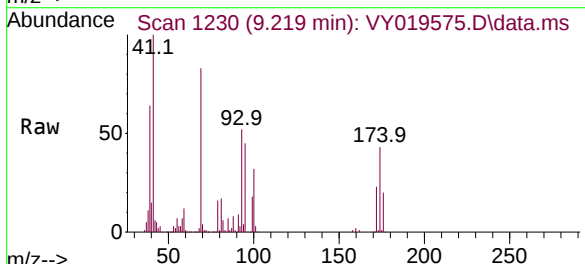
Instrument :
MSVOA_Y
ClientSampleId :

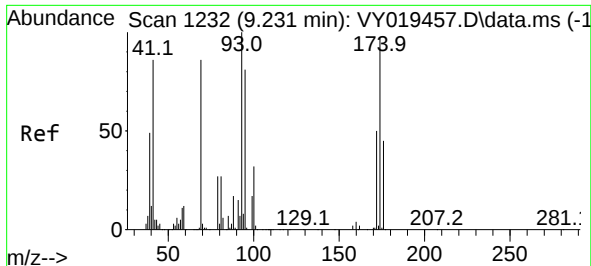
Tgt Ion: 83 Resp: 287739
Ion Ratio Lower Upper
83 100
85 64.6 50.1 75.1
127 8.8 7.4 11.0



#48
Methyl methacrylate
Concen: 43.234 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

Tgt Ion: 41 Resp: 115209
Ion Ratio Lower Upper
41 100
69 87.2 84.1 126.1
39 60.3 43.6 65.4





#49

1,4-Dioxane

Concen: 876.058 ug/l

RT: 9.237 min Scan# 1232

Delta R.T. 0.006 min

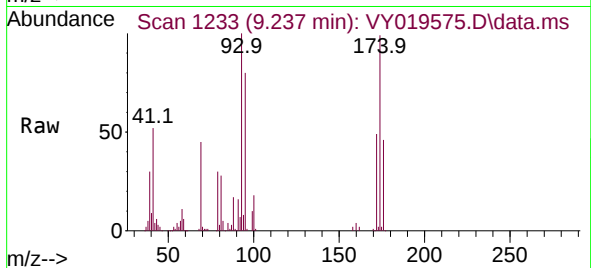
Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :



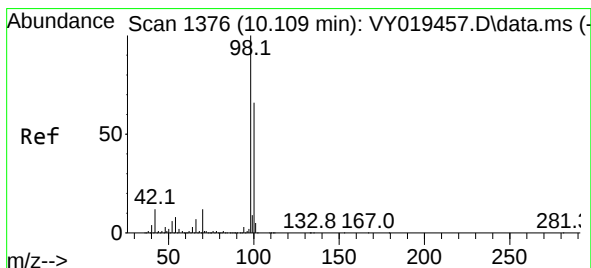
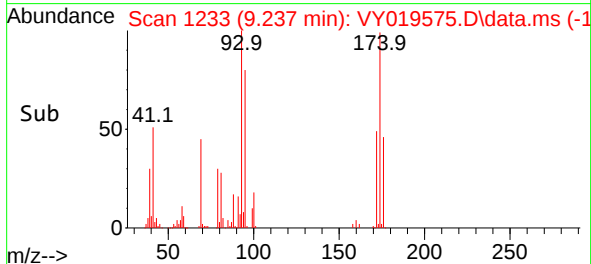
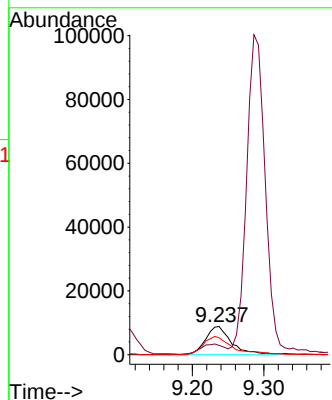
Tgt Ion: 88 Resp: 22262

Ion Ratio Lower Upper

88 100

43 33.4 0.0 0.0#

58 73.1 49.3 73.9



#50

Toluene-d8

Concen: 54.264 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019575.D

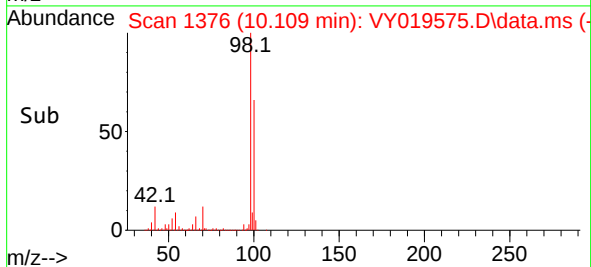
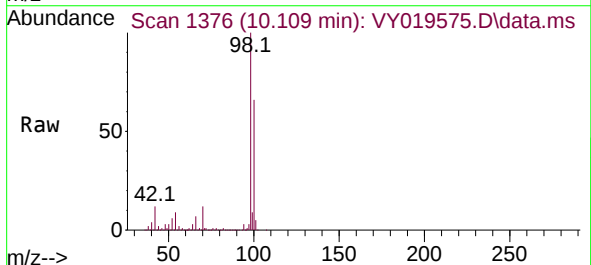
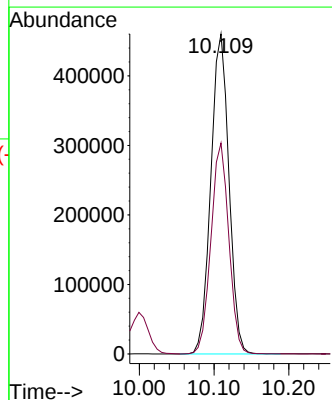
Acq: 17 Sep 2024 10:26

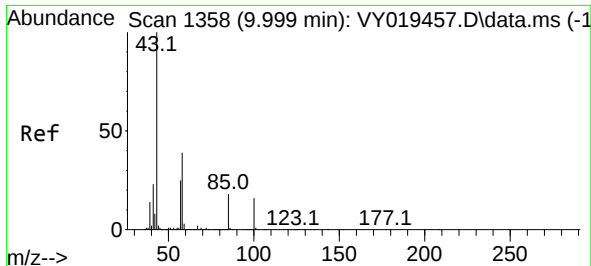
Tgt Ion: 98 Resp: 773241

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0

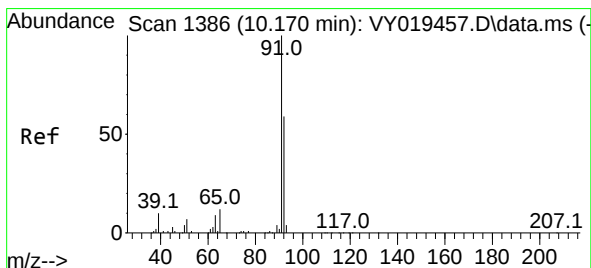
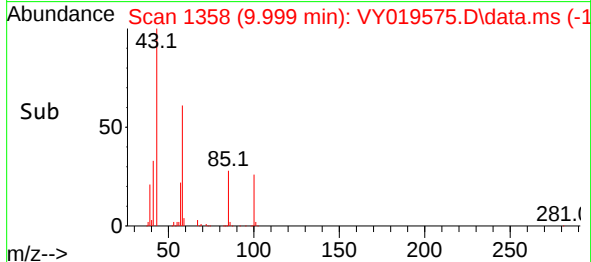
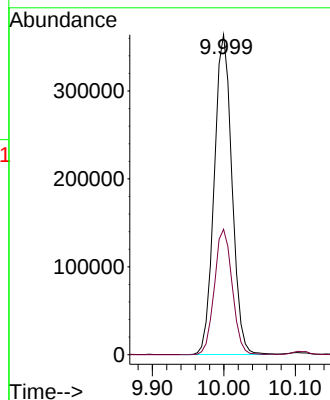
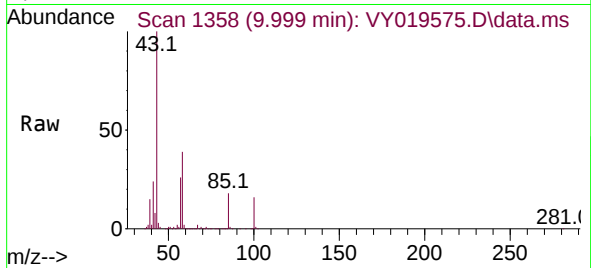




#51
4-Methyl-2-Pentanone
Concen: 220.738 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

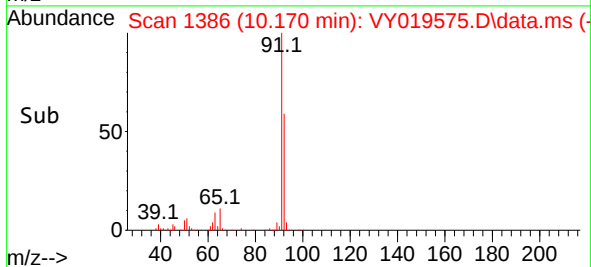
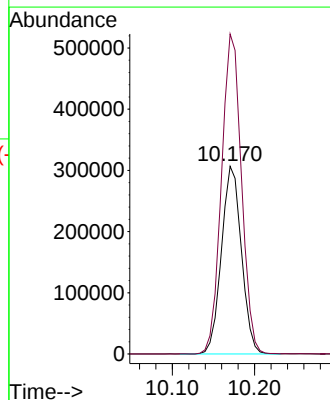
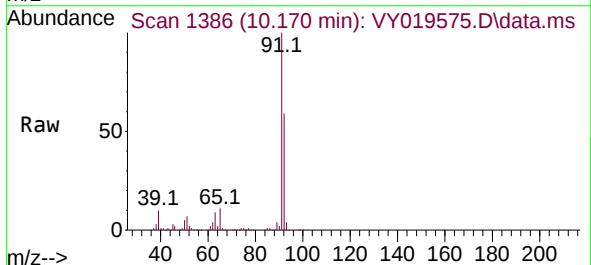
Instrument :
MSVOA_Y
ClientSampleId :

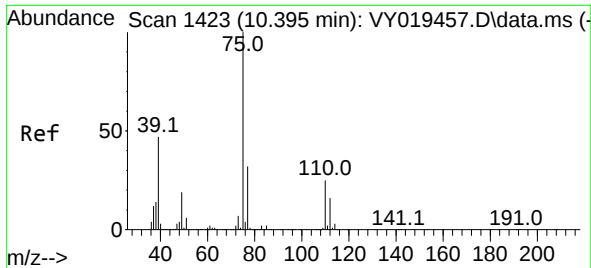
Tgt Ion: 43 Resp: 626663
Ion Ratio Lower Upper
43 100
58 39.5 35.7 53.5



#52
Toluene
Concen: 49.917 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

Tgt Ion: 92 Resp: 518350
Ion Ratio Lower Upper
92 100
91 170.6 139.0 208.6

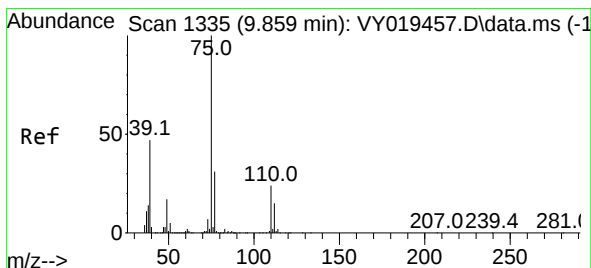
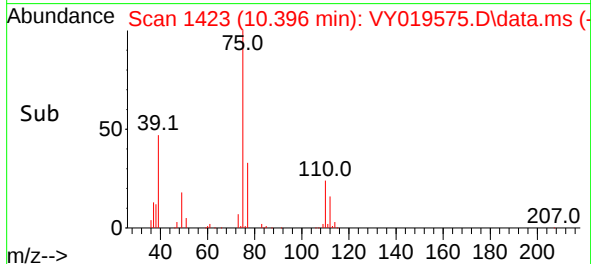
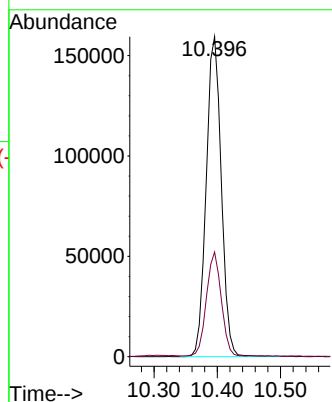
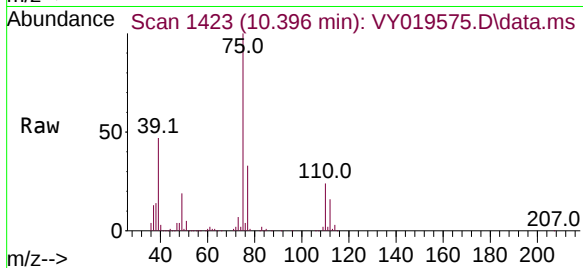




#53
 t-1,3-Dichloropropene
 Concen: 47.864 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY019575.D
 Acq: 17 Sep 2024 10:26

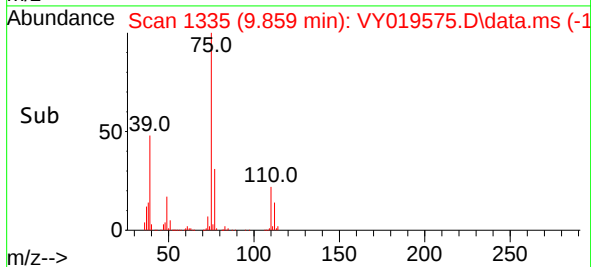
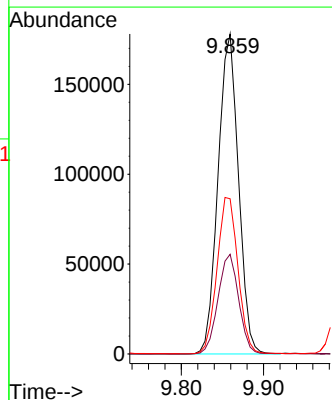
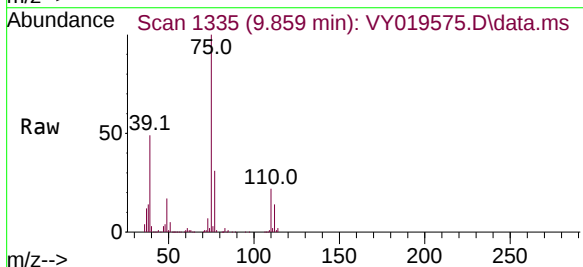
Instrument :
 MSVOA_Y
 ClientSampleId :

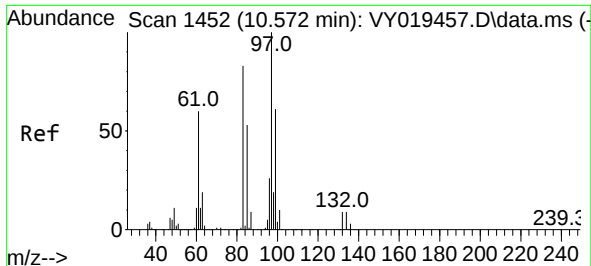
Tgt Ion: 75 Resp: 264749
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 47.786 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY019575.D
 Acq: 17 Sep 2024 10:26

Tgt Ion: 75 Resp: 307778
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0
 39 48.4 29.8 44.6#



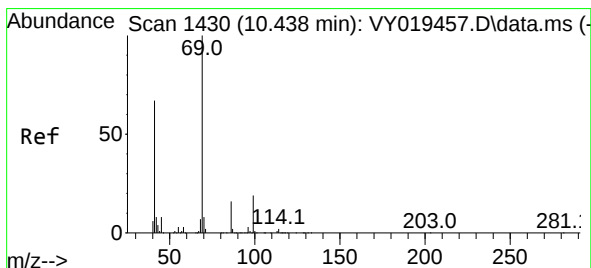
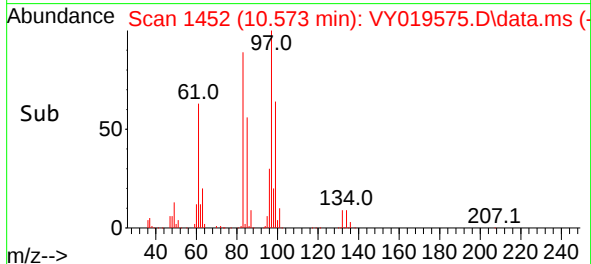
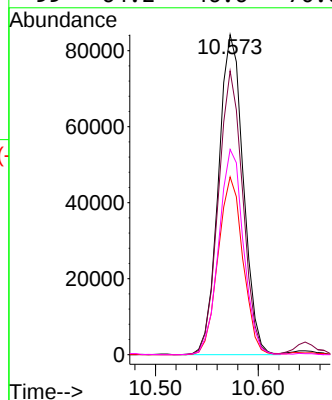
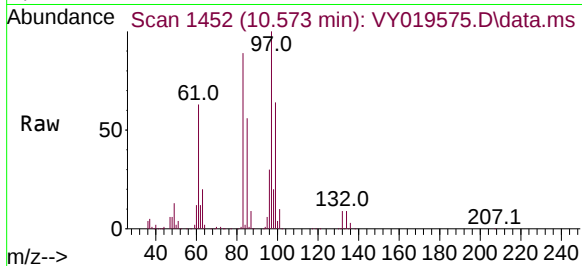


#55
1,1,2-Trichloroethane
Concen: 47.474 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 97 Resp: 141519

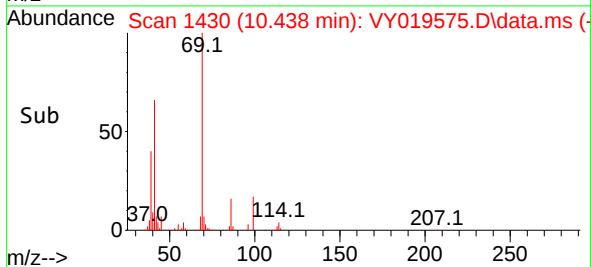
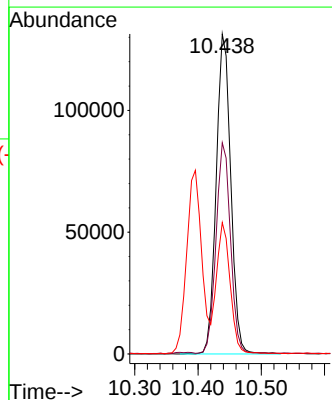
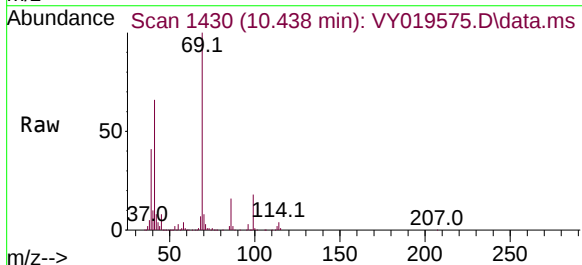
Ion	Ratio	Lower	Upper
97	100		
83	88.6	67.5	101.3
85	55.6	42.9	64.3
99	64.2	46.6	70.0



#56
Ethyl methacrylate
Concen: 46.158 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

Tgt Ion: 69 Resp: 209017

Ion	Ratio	Lower	Upper
69	100		
41	65.3	42.3	63.5#
39	37.9	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 48.184 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

Instrument :

MSVOA_Y

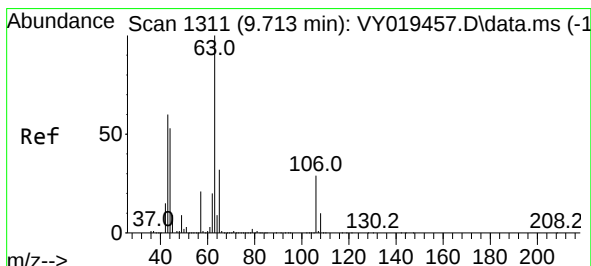
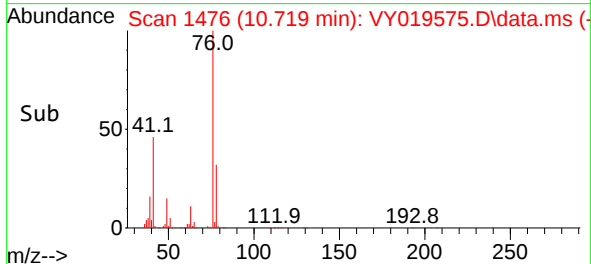
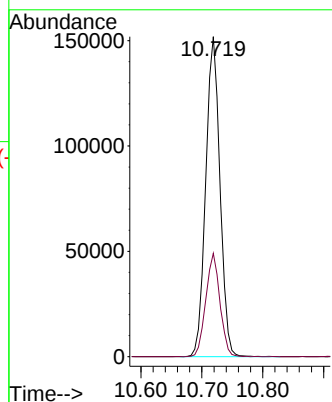
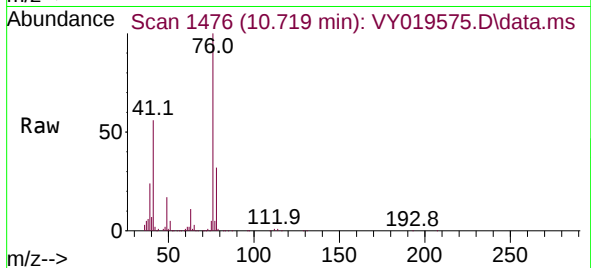
ClientSampleId :

Tgt Ion: 76 Resp: 246897

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 252.799 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019575.D

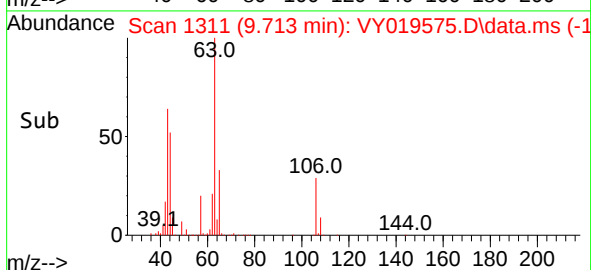
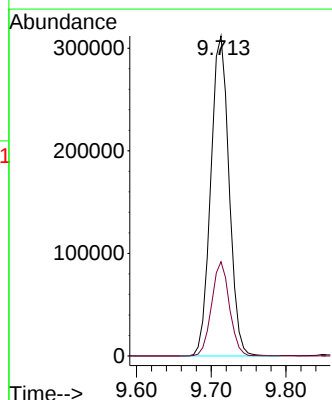
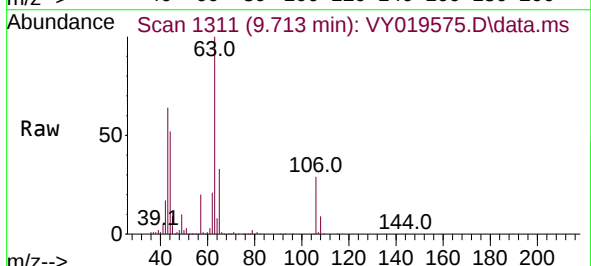
Acq: 17 Sep 2024 10:26

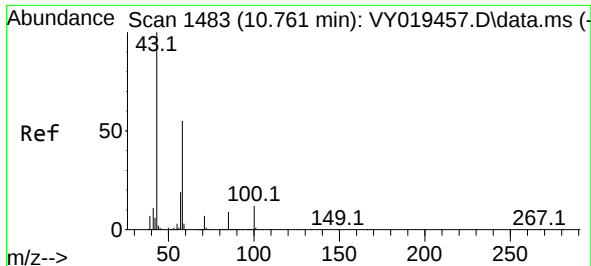
Tgt Ion: 63 Resp: 531307

Ion Ratio Lower Upper

63 100

106 28.7 23.7 35.5

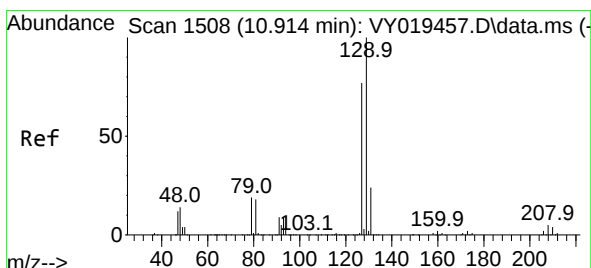
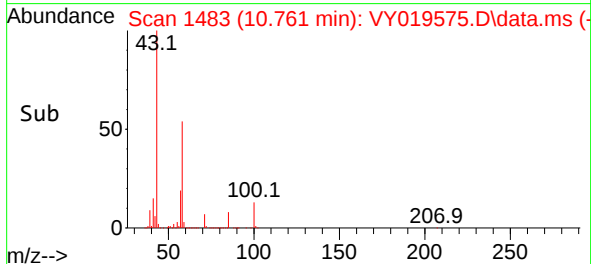
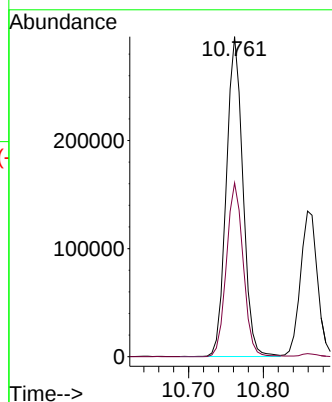
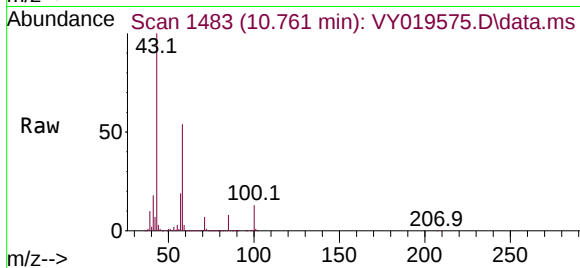




#59
2-Hexanone
Concen: 220.131 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

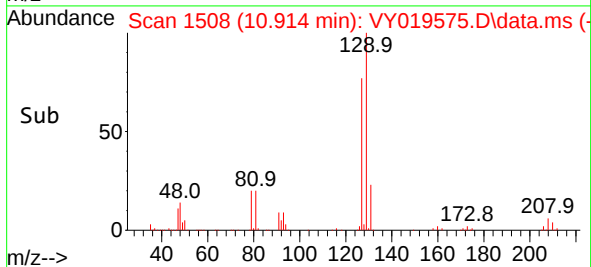
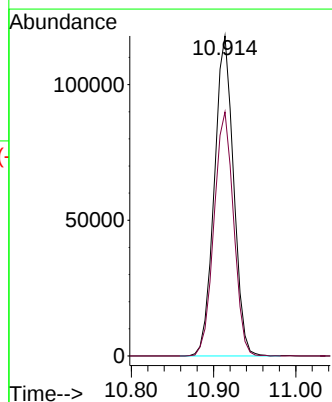
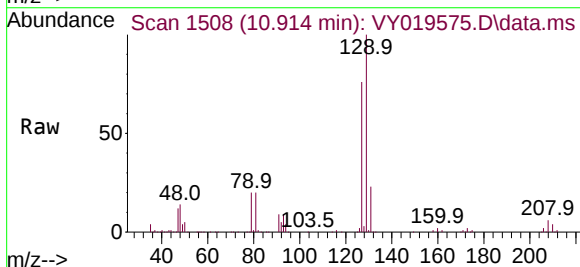
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 458165
Ion Ratio Lower Upper
43 100
58 55.0 31.4 94.0



#60
Dibromochloromethane
Concen: 48.654 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

Tgt Ion: 129 Resp: 191855
Ion Ratio Lower Upper
129 100
127 77.6 39.0 117.0

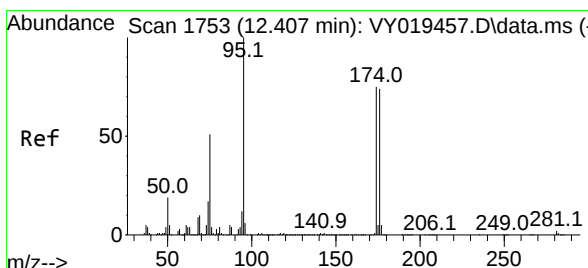
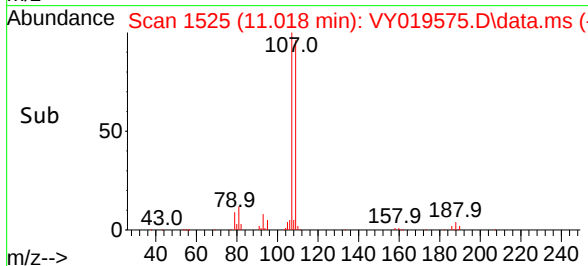
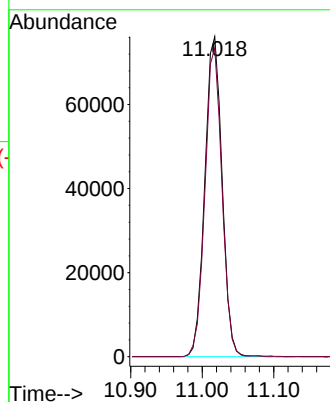
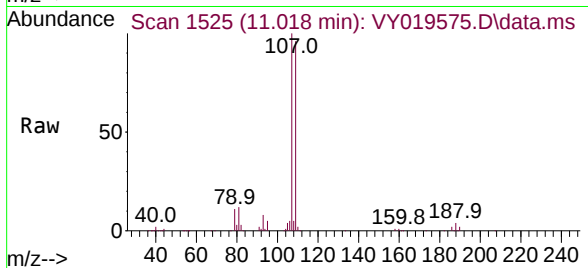




#61
1,2-Dibromoethane
Concen: 46.055 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

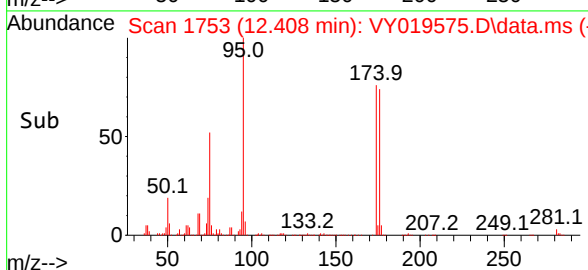
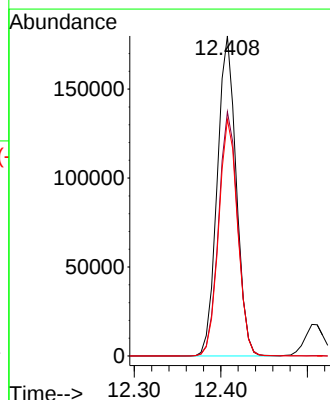
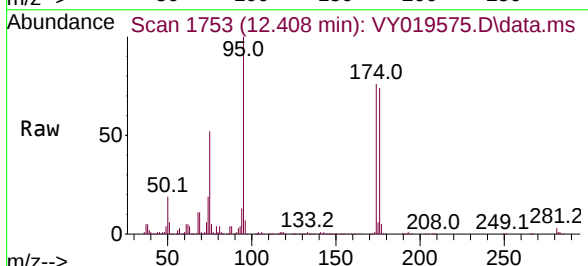
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 127917
Ion Ratio Lower Upper
107 100
109 94.8 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 49.970 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

Tgt Ion: 95 Resp: 273788
Ion Ratio Lower Upper
95 100
174 76.7 0.0 175.6
176 73.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

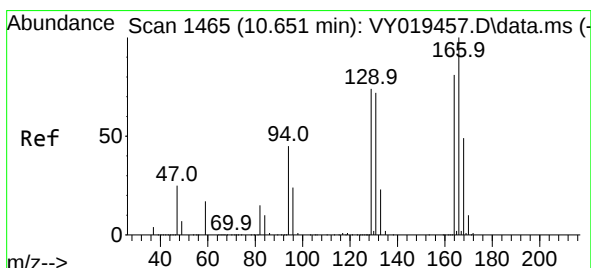
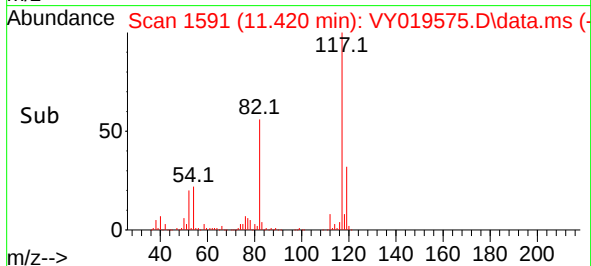
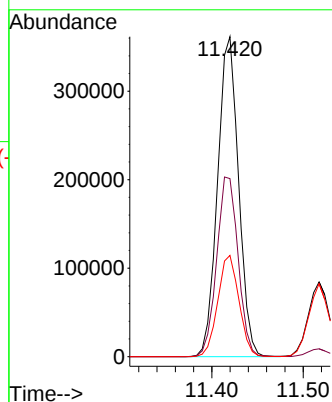
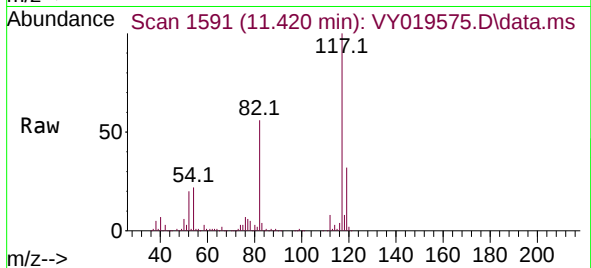
Tgt Ion:117 Resp: 577696

Ion Ratio Lower Upper

117 100

82 55.6 42.4 63.6

119 31.6 25.9 38.9



#64

Tetrachloroethene

Concen: 47.051 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

Tgt Ion:164 Resp: 168320

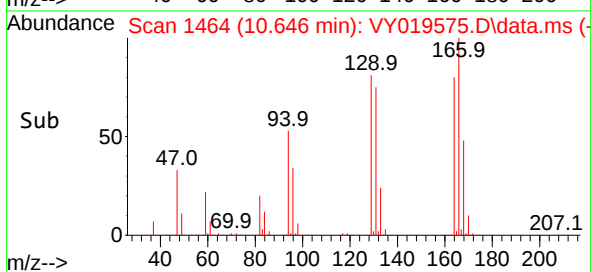
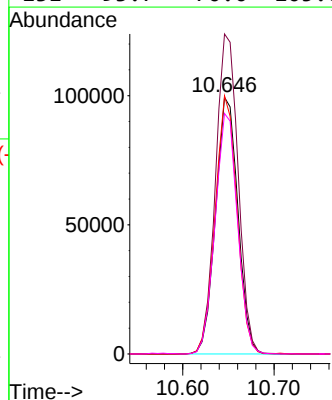
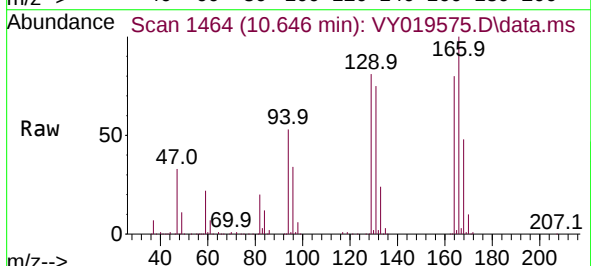
Ion Ratio Lower Upper

164 100

166 124.7 102.6 154.0

129 100.6 72.0 108.0

131 93.7 70.0 105.0





#65

Chlorobenzene

Concen: 49.844 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

Instrument :

MSVOA_Y

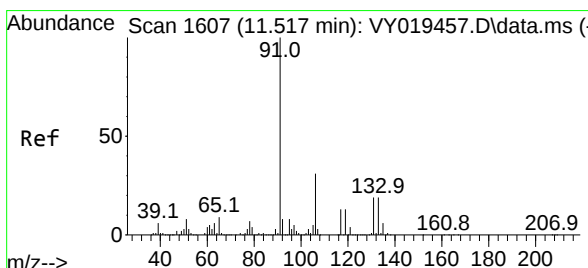
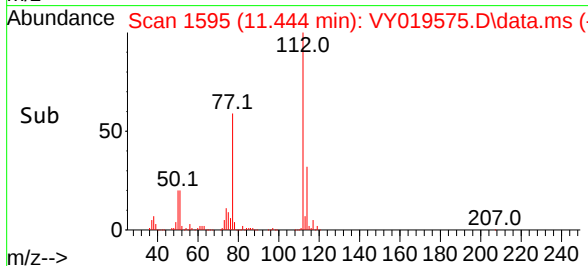
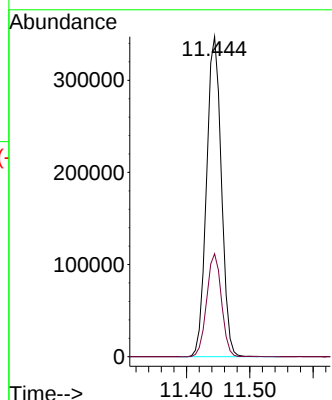
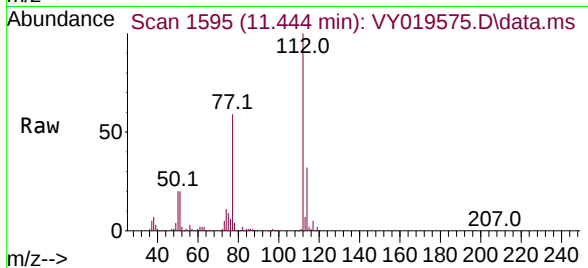
ClientSampleId :

Tgt Ion:112 Resp: 566410

Ion Ratio Lower Upper

112 100

114 32.2 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 49.249 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

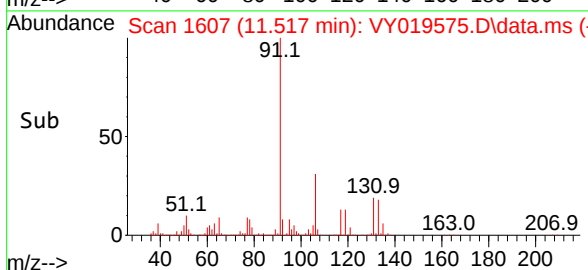
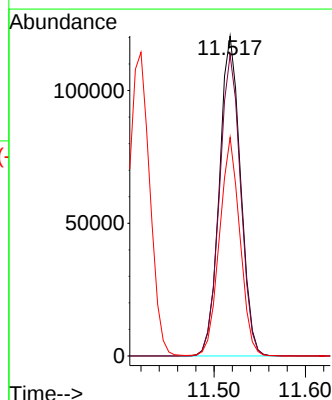
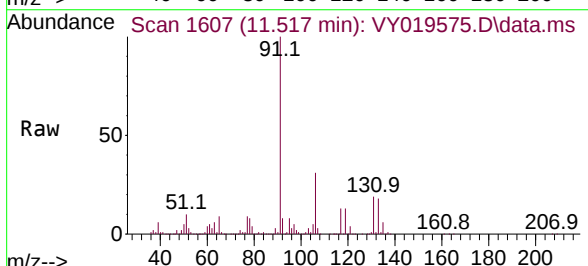
Tgt Ion:131 Resp: 193768

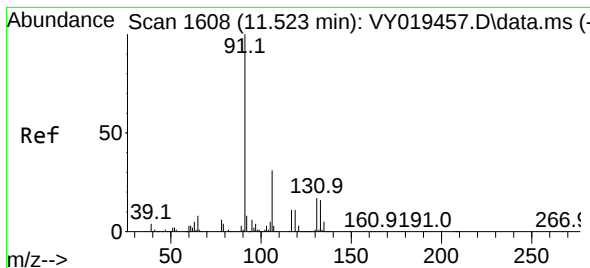
Ion Ratio Lower Upper

131 100

133 94.6 47.8 143.3

119 66.0 34.1 102.2





#67

Ethyl Benzene

Concen: 49.674 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

Instrument :

MSVOA_Y

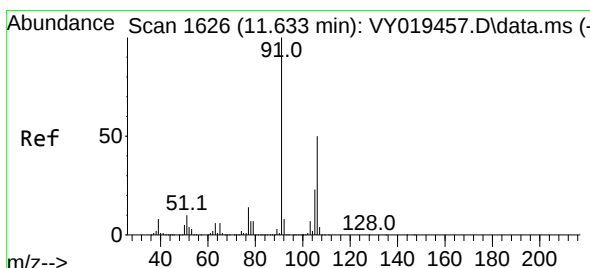
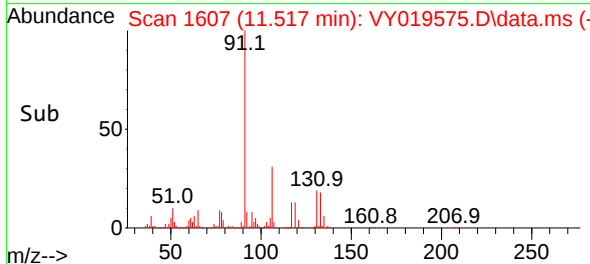
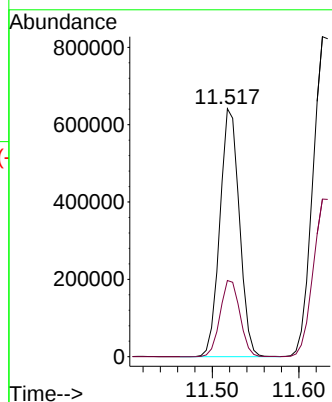
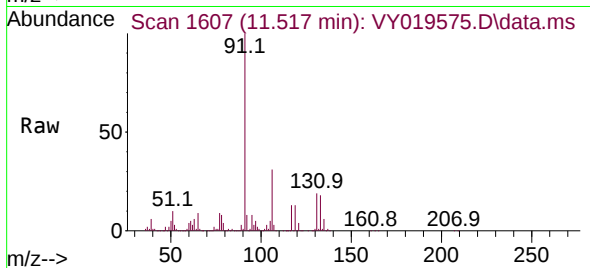
ClientSampleId :

Tgt Ion: 91 Resp: 1002983

Ion Ratio Lower Upper

91 100

106 30.7 24.5 36.7



#68

m/p-Xylenes

Concen: 98.863 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019575.D

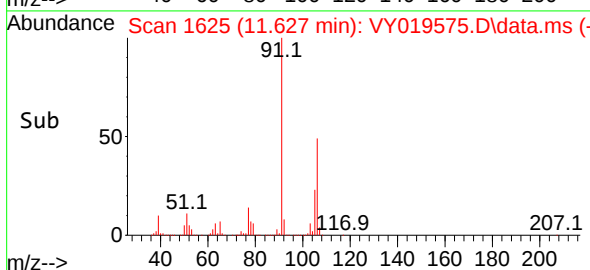
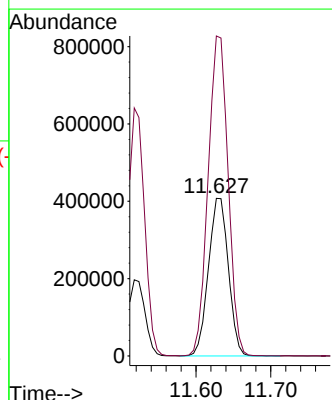
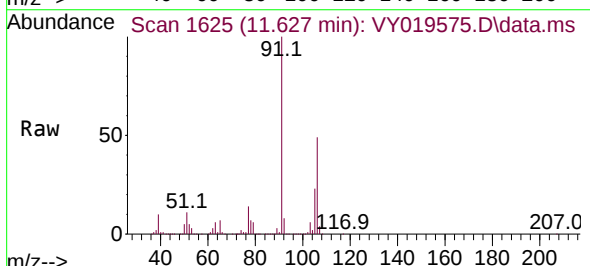
Acq: 17 Sep 2024 10:26

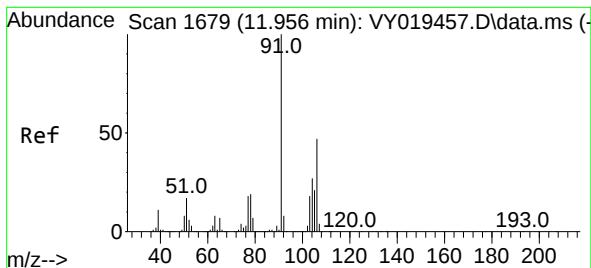
Tgt Ion:106 Resp: 754800

Ion Ratio Lower Upper

106 100

91 203.7 156.0 234.0





#69

o-Xylene

Concen: 49.195 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

Instrument :

MSVOA_Y

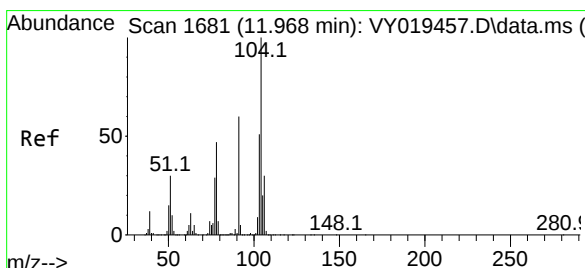
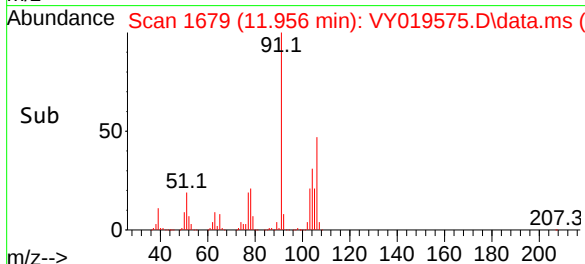
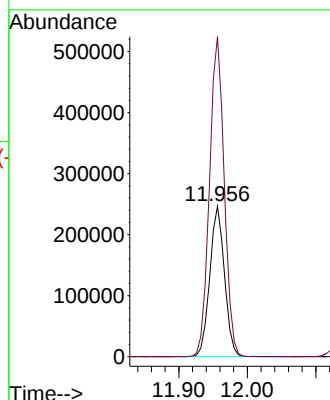
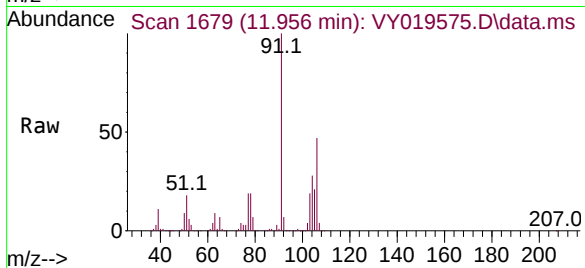
ClientSampleId :

Tgt Ion:106 Resp: 367321

Ion Ratio Lower Upper

106 100

91 214.4 103.6 310.8



#70

Styrene

Concen: 49.091 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

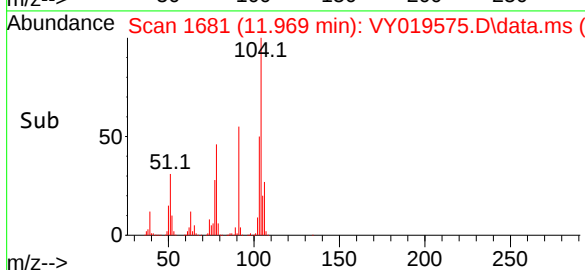
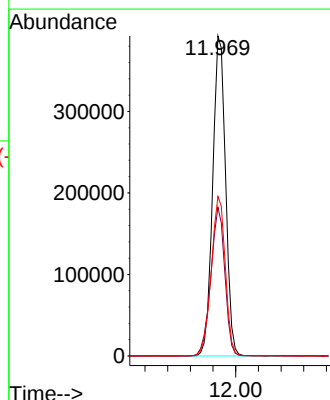
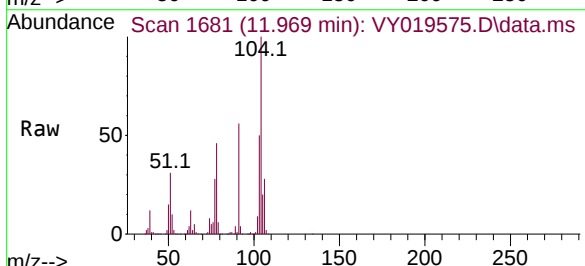
Tgt Ion:104 Resp: 618862

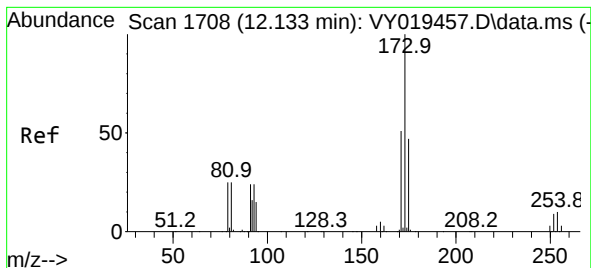
Ion Ratio Lower Upper

104 100

78 50.4 37.0 55.4

103 54.3 44.2 66.2





#71

Bromoform

Concen: 46.853 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019575.D

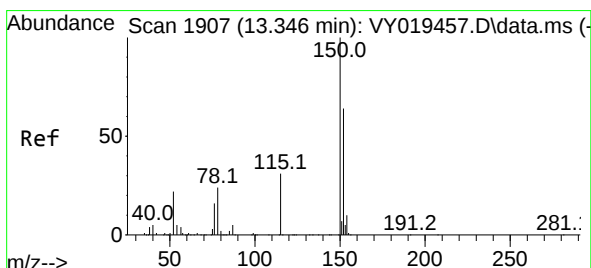
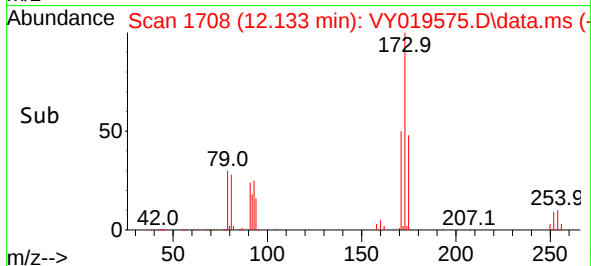
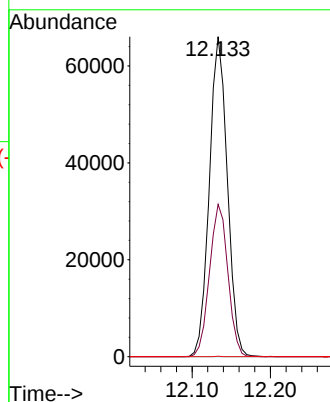
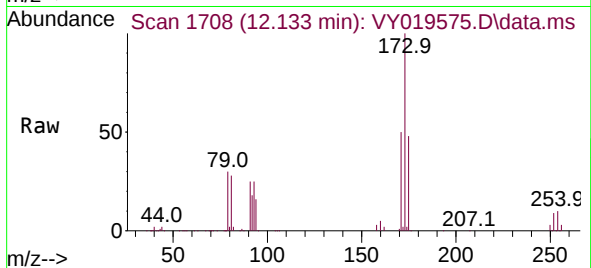
Acq: 17 Sep 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 105290
 Ion Ratio Lower Upper
 173 100
 175 48.5 25.1 75.3
 254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

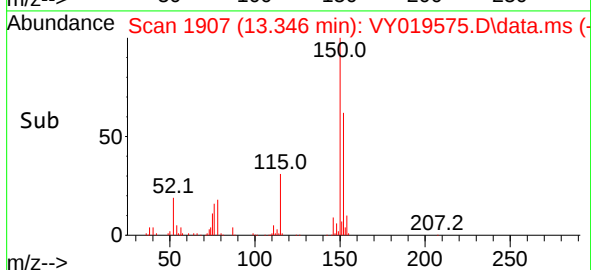
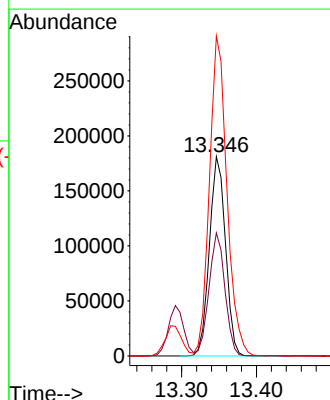
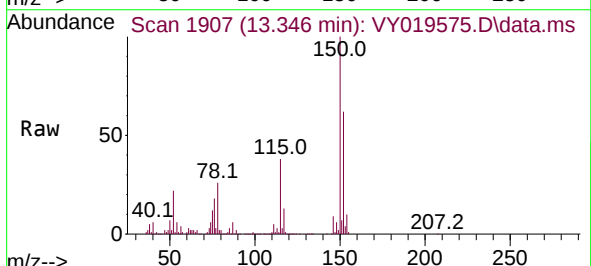
RT: 13.346 min Scan# 1907

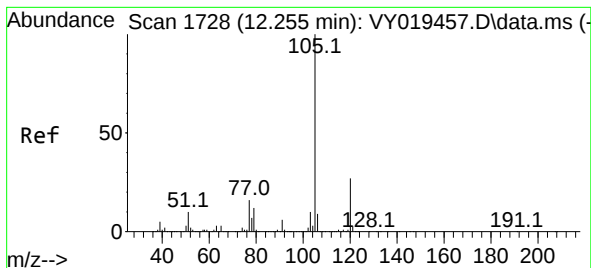
Delta R.T. 0.000 min

Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

Tgt Ion:152 Resp: 271395
 Ion Ratio Lower Upper
 152 100
 115 60.9 28.2 84.7
 150 173.6 0.0 345.6





#73

Isopropylbenzene

Concen: 49.827 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

Instrument :

MSVOA_Y

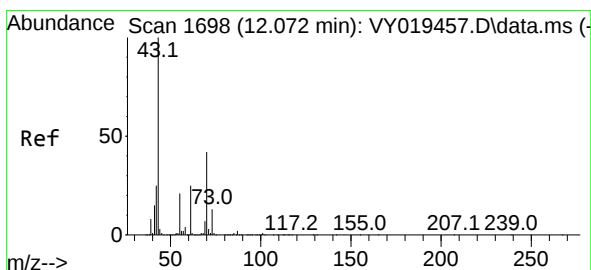
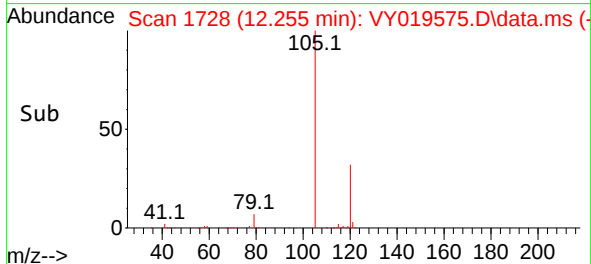
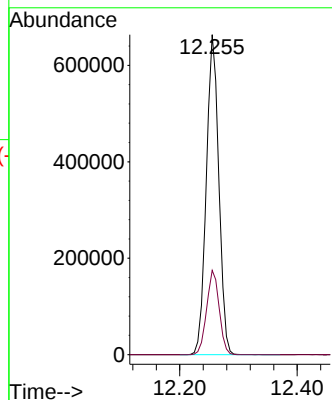
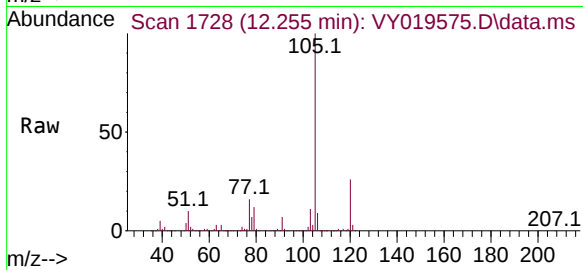
ClientSampleId :

Tgt Ion:105 Resp: 981034

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.1



#74

N-ethyl acetate

Concen: 44.333 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

Tgt Ion: 43 Resp: 237389

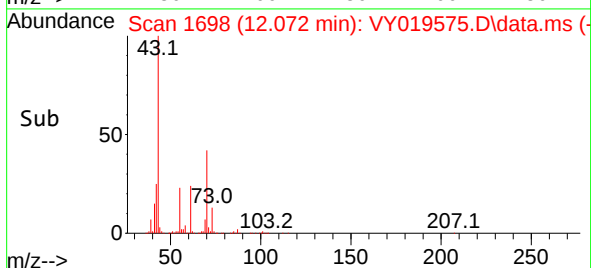
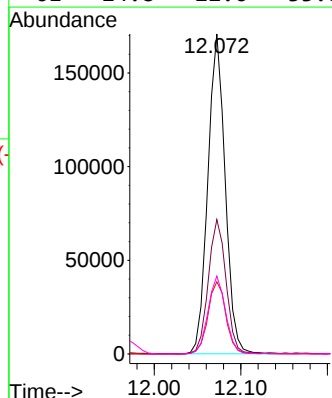
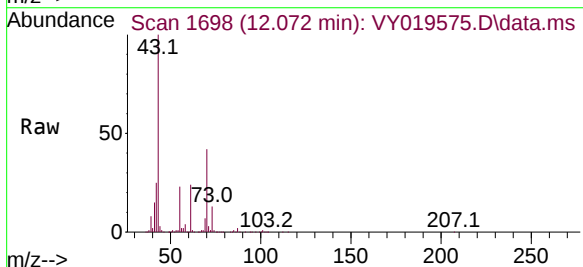
Ion Ratio Lower Upper

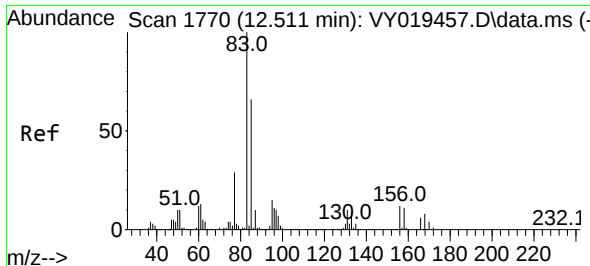
43 100

70 43.2 41.4 62.2

55 23.6 23.3 34.9

61 24.8 22.6 33.8

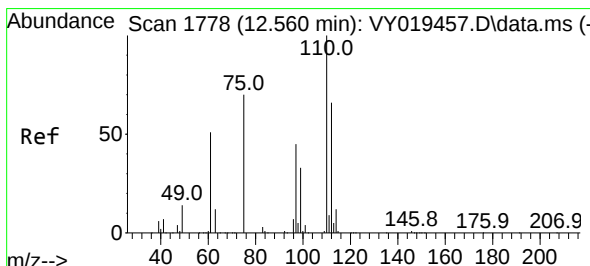
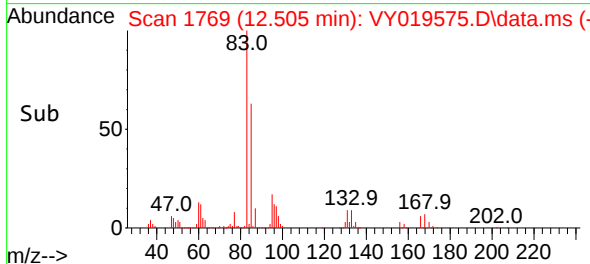
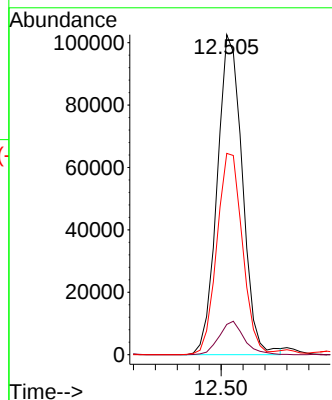
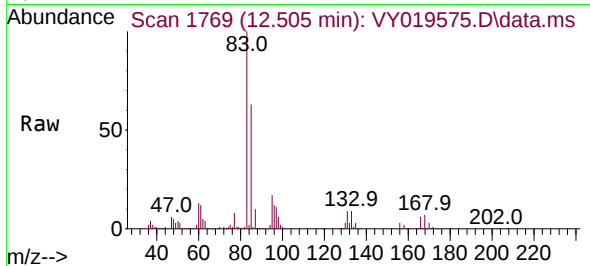




#75
1,1,2,2-Tetrachloroethane
Concen: 46.735 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

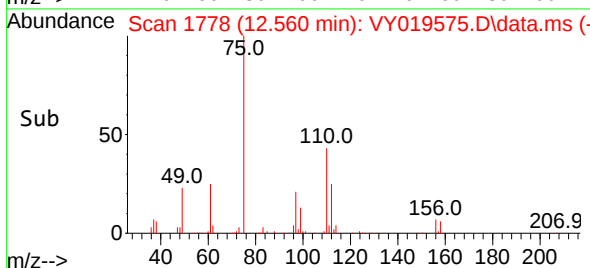
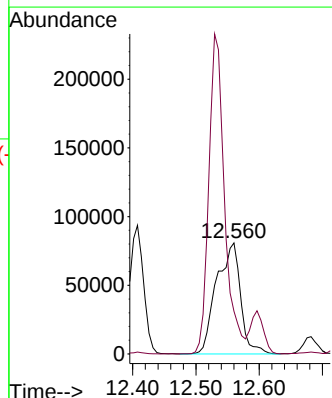
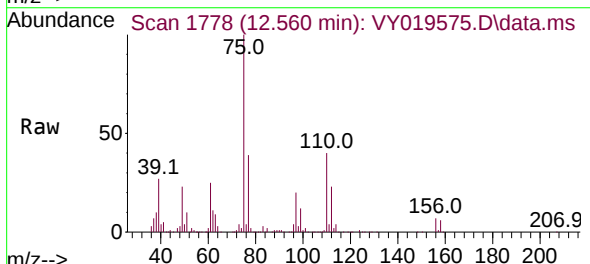
Instrument :
MSVOA_Y
ClientSampleId :

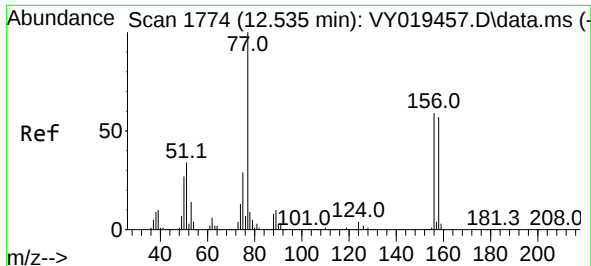
Tgt Ion: 83 Resp: 163325
Ion Ratio Lower Upper
83 100
131 10.4 5.0 14.9
85 64.2 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 83.844 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

Tgt Ion: 75 Resp: 213280
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

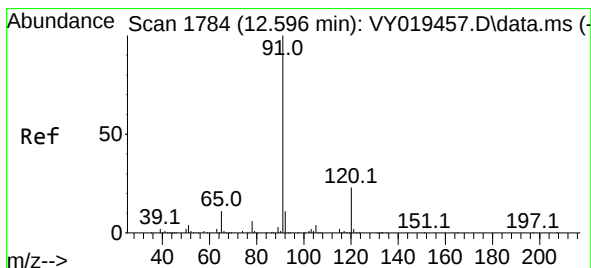
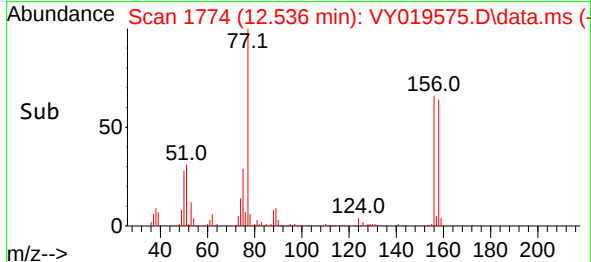
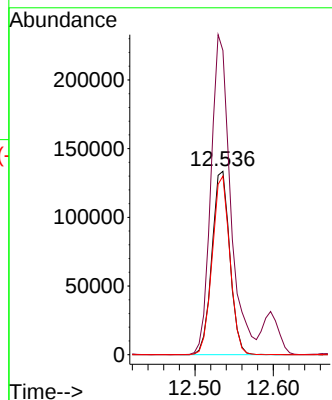
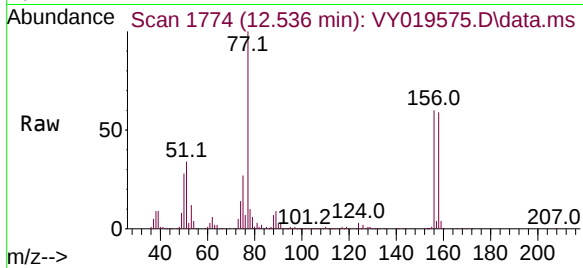




#77
Bromobenzene
Concen: 48.393 ug/l
RT: 12.536 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

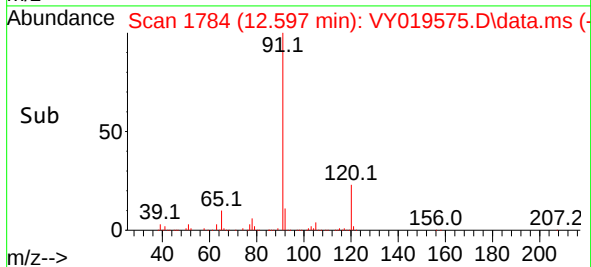
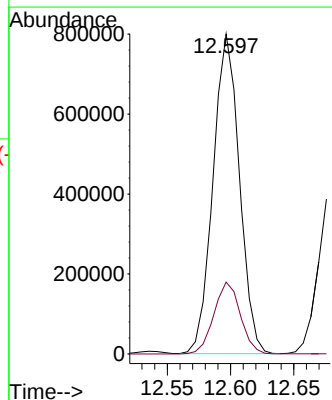
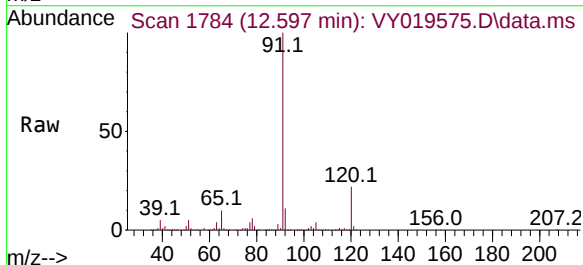
Instrument :
MSVOA_Y
ClientSampleId :

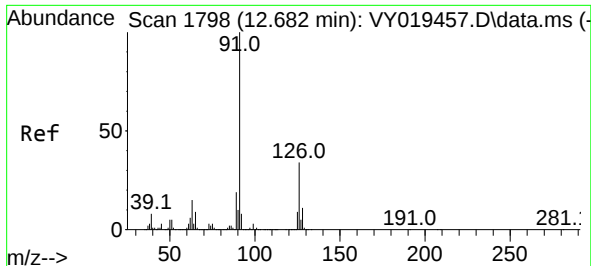
Tgt Ion:156 Resp: 211317
Ion Ratio Lower Upper
156 100
77 191.6 87.1 261.3
158 96.2 48.6 145.9



#78
n-propylbenzene
Concen: 49.550 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

Tgt Ion: 91 Resp: 1156337
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4

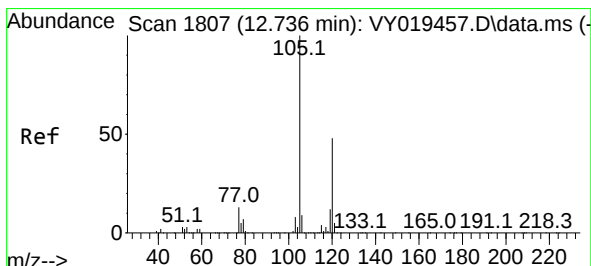
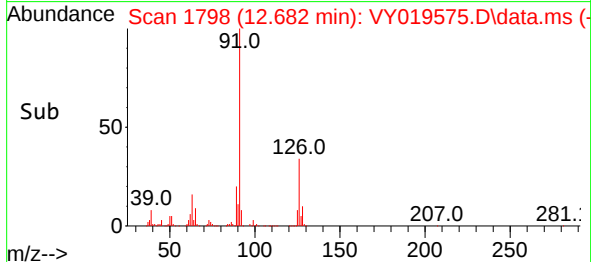
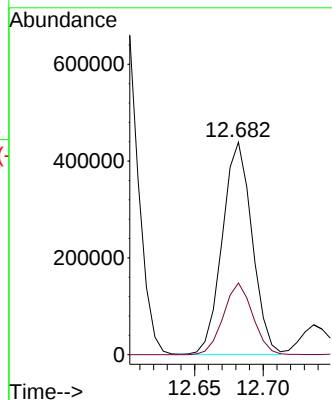
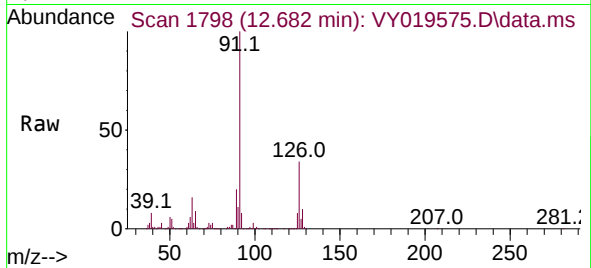




#79
2-Chlorotoluene
Concen: 48.757 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

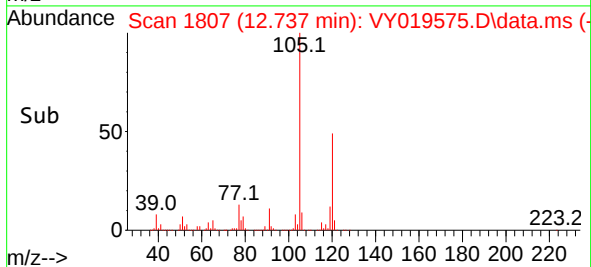
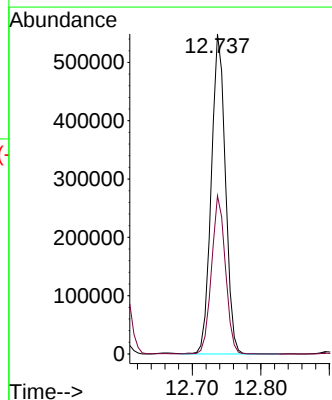
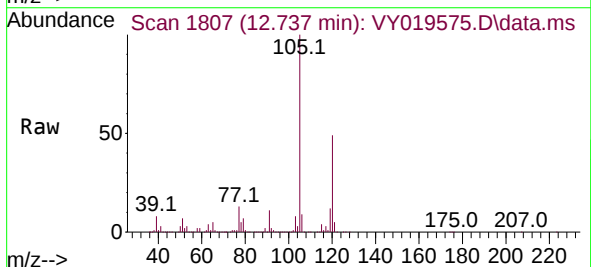
Instrument :
MSVOA_Y
ClientSampleId :

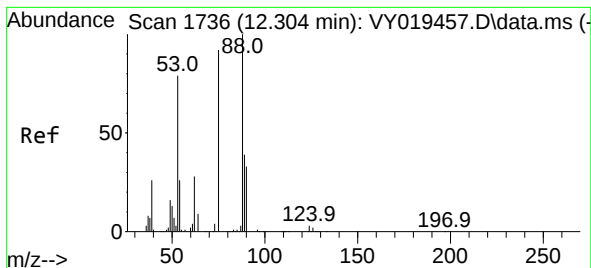
Tgt Ion: 91 Resp: 663092
Ion Ratio Lower Upper
91 100
126 33.4 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 49.086 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

Tgt Ion: 105 Resp: 785682
Ion Ratio Lower Upper
105 100
120 48.5 25.1 75.2

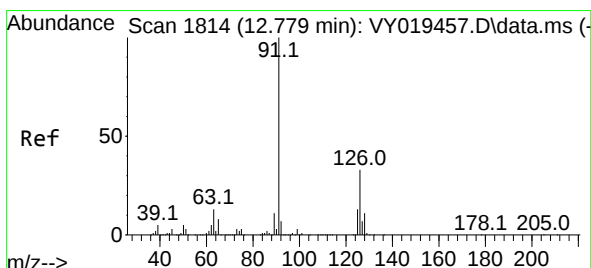
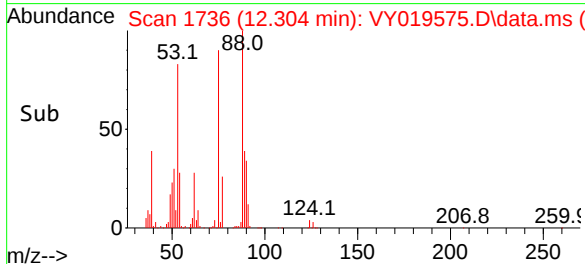
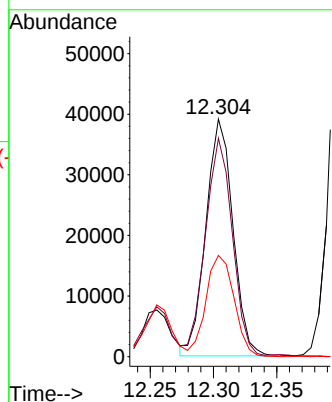
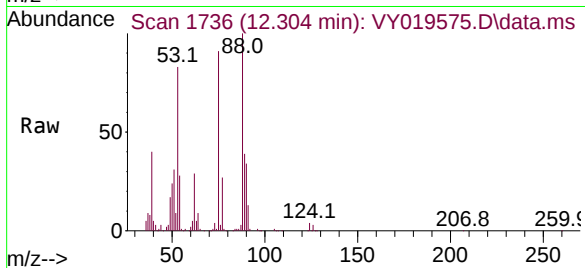




#81
trans-1,4-Dichloro-2-butene
Concen: 43.828 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

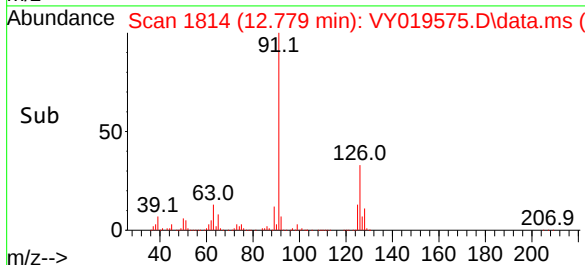
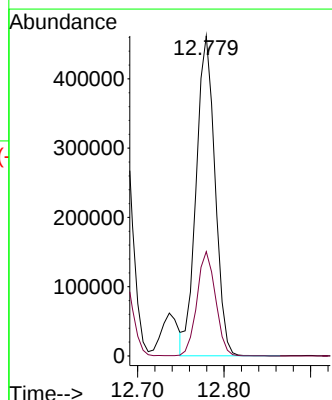
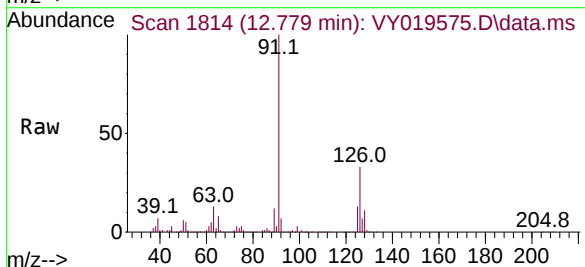
Instrument :
MSVOA_Y
ClientSampleId :

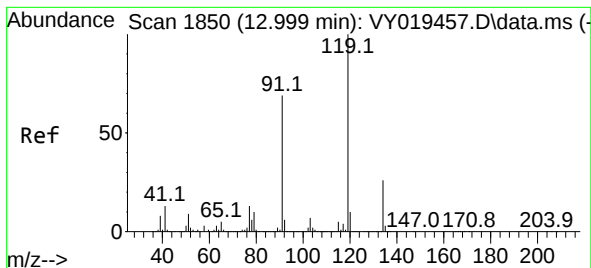
Tgt Ion: 75 Resp: 58075
Ion Ratio Lower Upper
75 100
53 93.7 66.8 100.2
89 44.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 49.652 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

Tgt Ion: 91 Resp: 694218
Ion Ratio Lower Upper
91 100
126 32.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 49.284 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

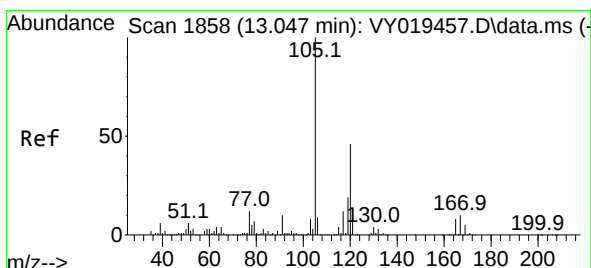
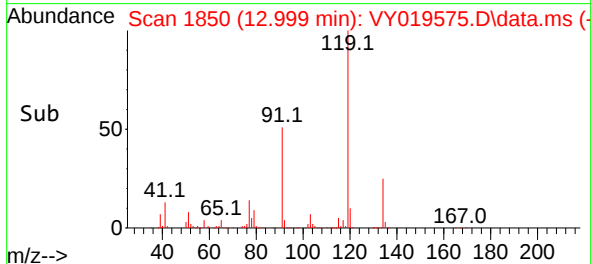
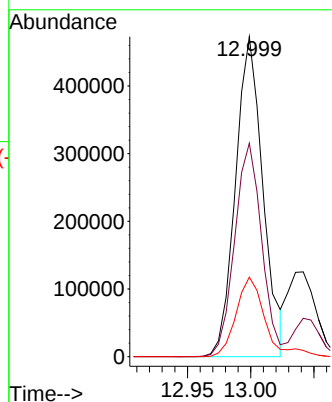
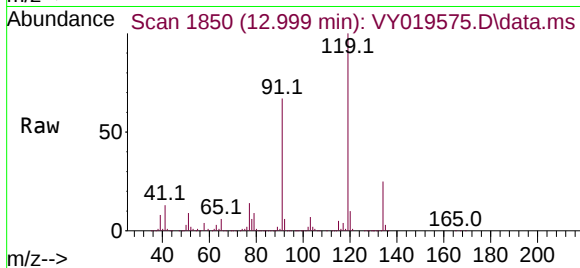
Tgt Ion:119 Resp: 714136

Ion Ratio Lower Upper

119 100

91 65.5 31.3 93.8

134 26.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 49.122 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019575.D

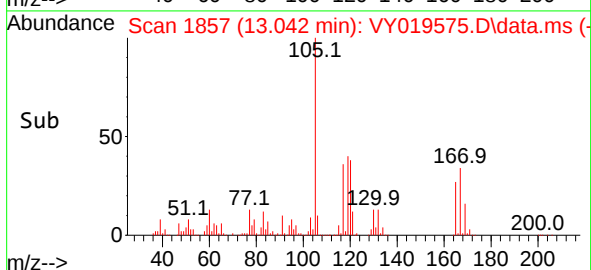
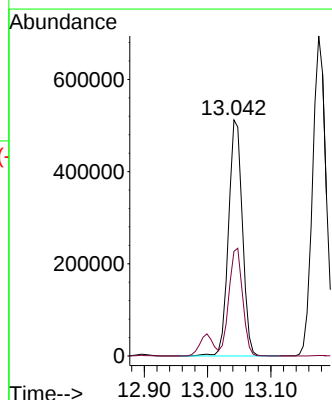
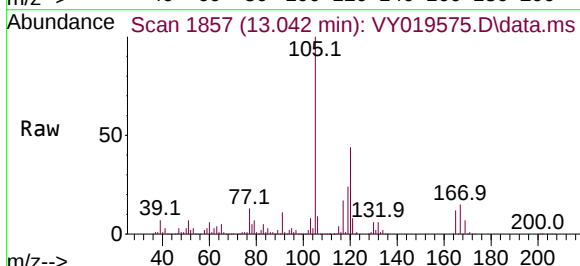
Acq: 17 Sep 2024 10:26

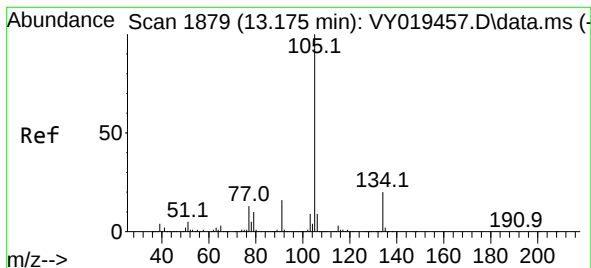
Tgt Ion:105 Resp: 778293

Ion Ratio Lower Upper

105 100

120 45.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 48.528 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

Instrument :

MSVOA_Y

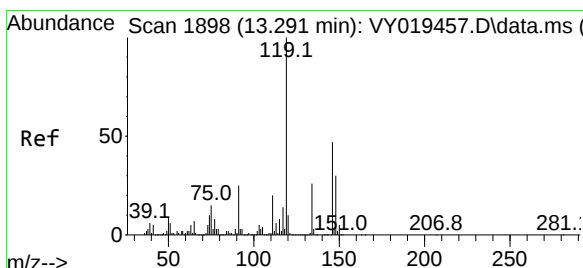
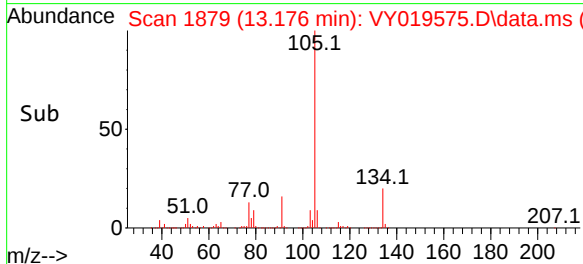
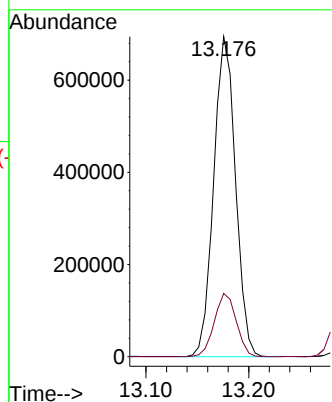
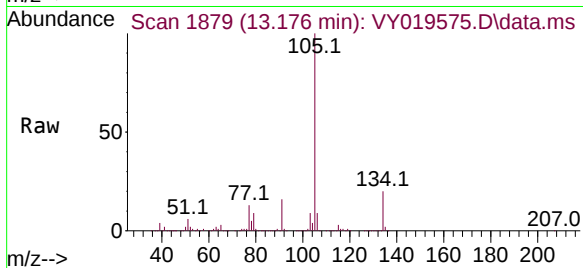
ClientSampleId :

Tgt Ion:105 Resp: 1021531

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 48.756 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

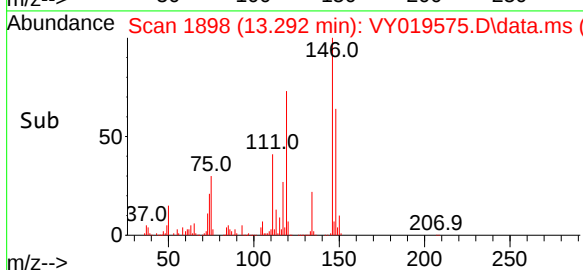
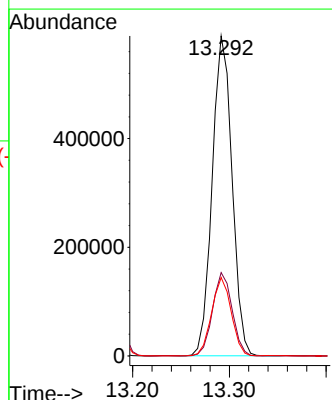
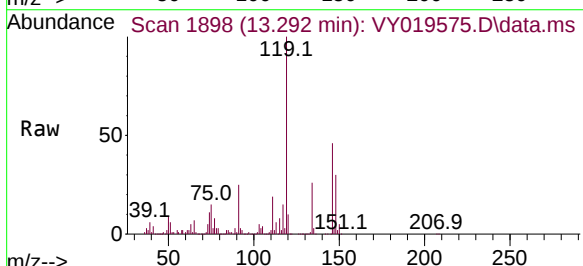
Tgt Ion:119 Resp: 839712

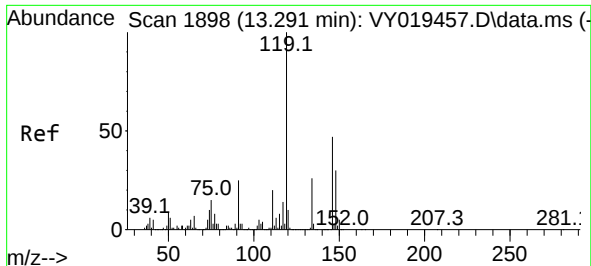
Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.3

91 24.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 49.625 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

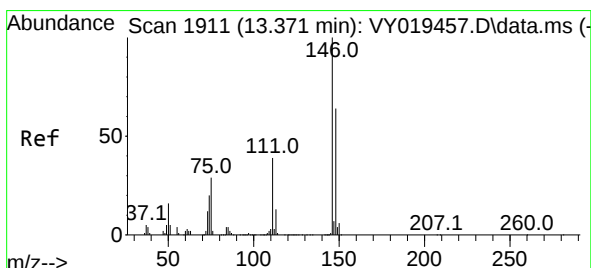
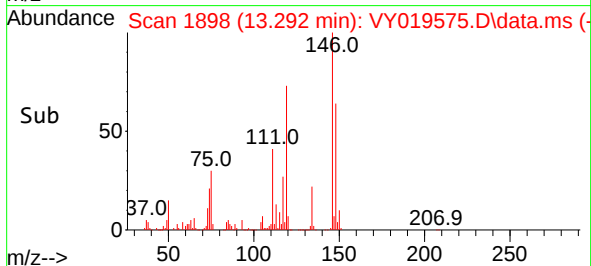
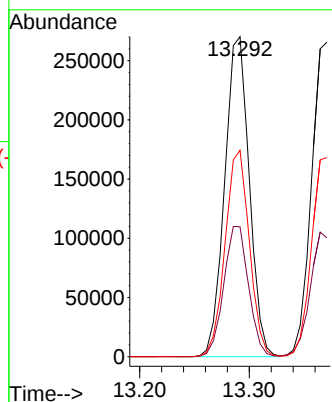
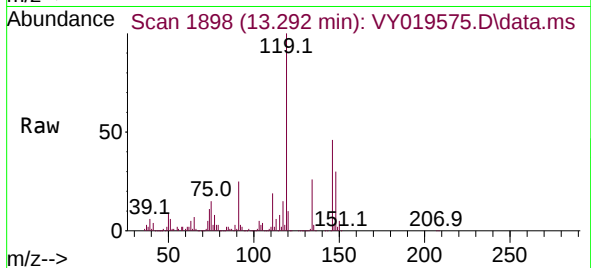
Tgt Ion:146 Resp: 421074

Ion Ratio Lower Upper

146 100

111 41.1 19.0 57.0

148 63.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 49.163 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

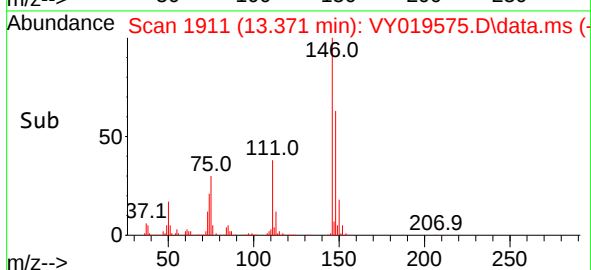
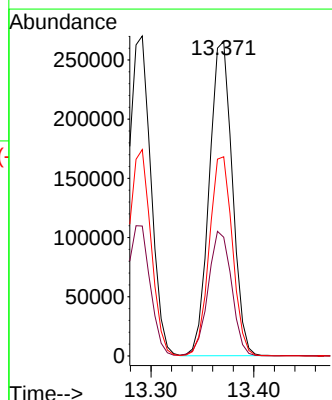
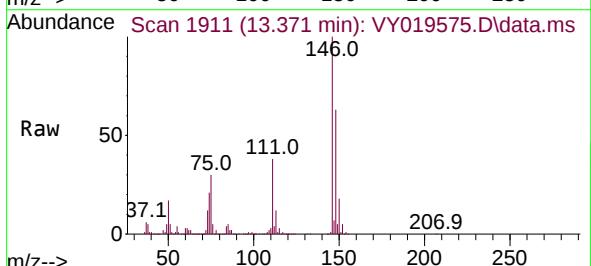
Tgt Ion:146 Resp: 413994

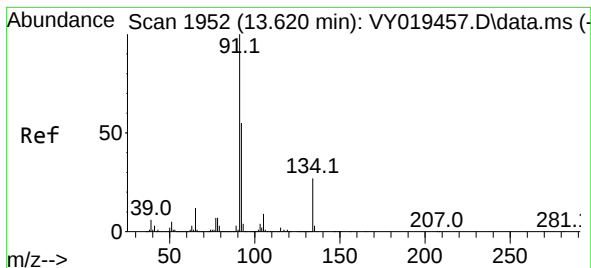
Ion Ratio Lower Upper

146 100

111 40.3 18.4 55.4

148 63.9 32.4 97.2





#89

n-Butylbenzene

Concen: 48.250 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

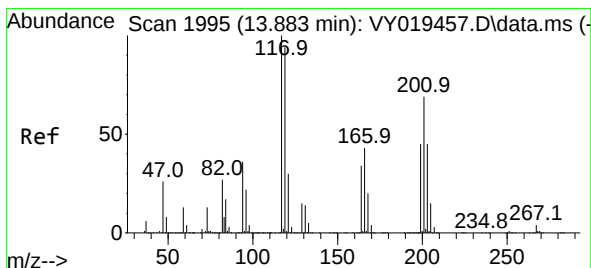
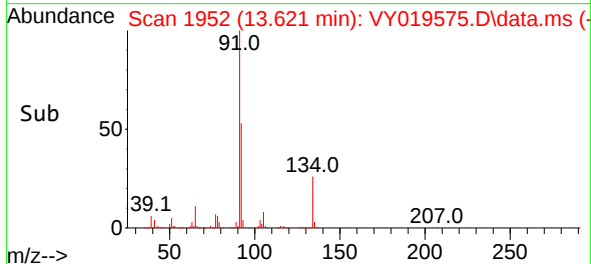
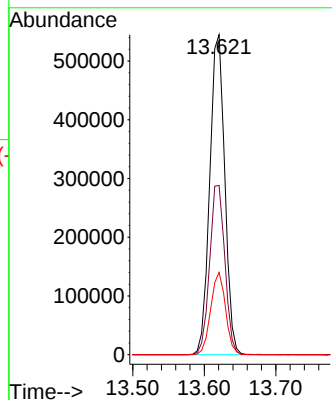
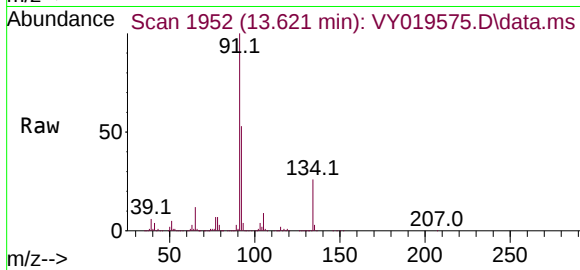
Tgt Ion: 91 Resp: 794428

Ion Ratio Lower Upper

91 100

92 53.7 26.6 79.7

134 25.4 12.9 38.7



#90

Hexachloroethane

Concen: 48.458 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY019575.D

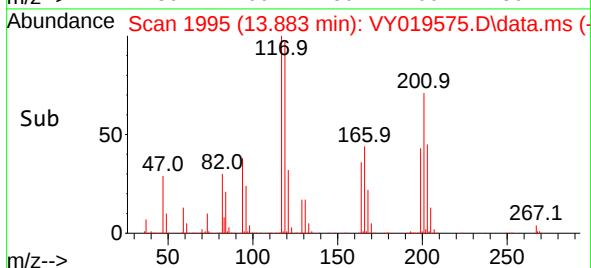
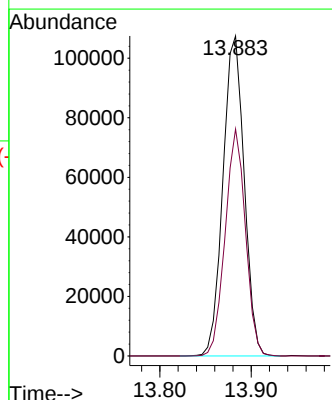
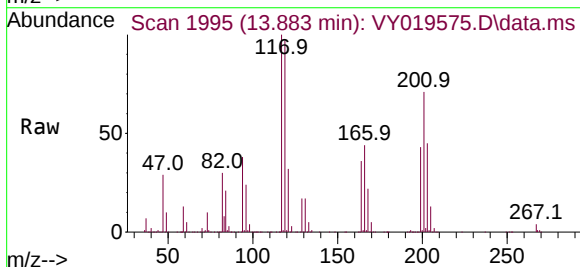
Acq: 17 Sep 2024 10:26

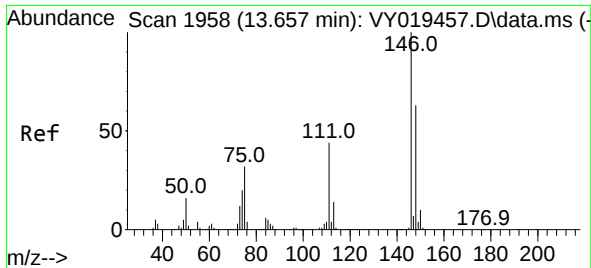
Tgt Ion: 117 Resp: 173652

Ion Ratio Lower Upper

117 100

201 67.7 37.4 112.2

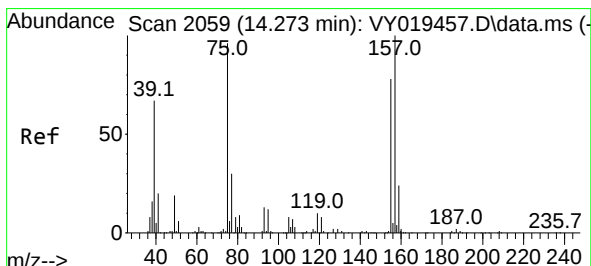
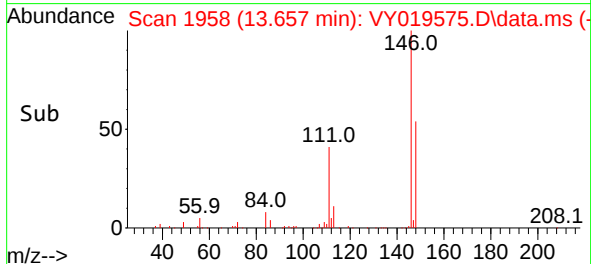
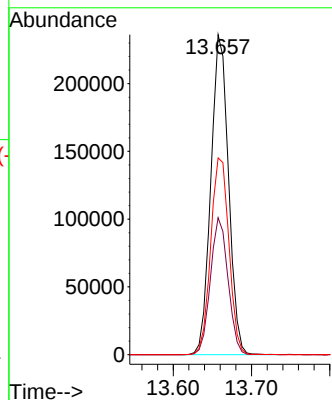
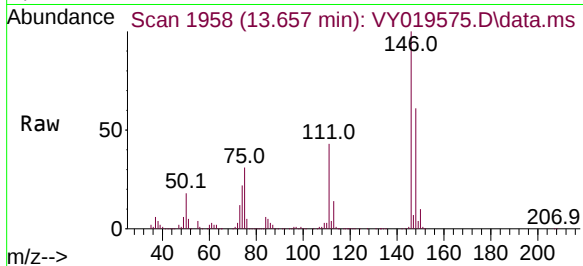




#91
1,2-Dichlorobenzene
Concen: 48.666 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

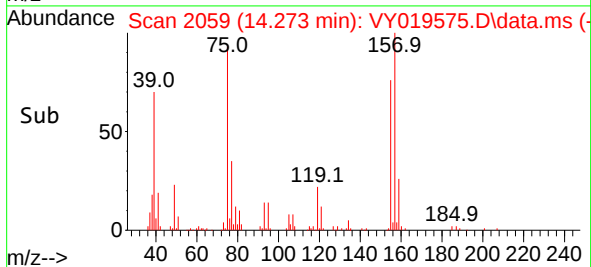
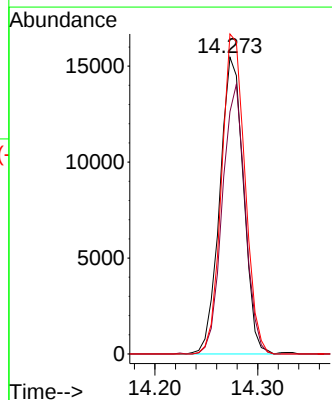
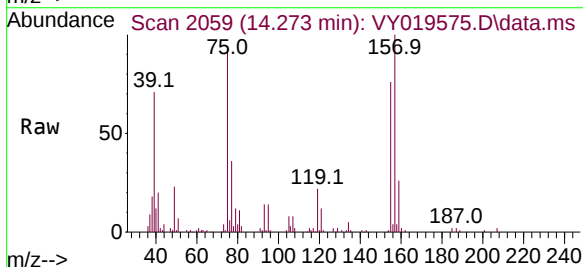
Instrument :
MSVOA_Y
ClientSampleId :

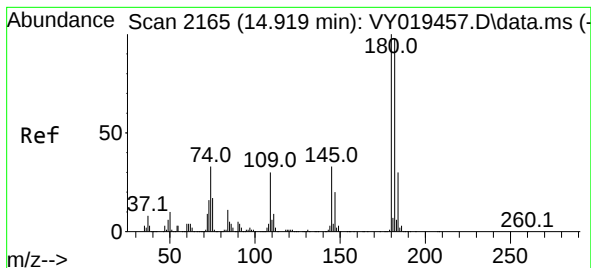
Tgt Ion:146 Resp: 368491
Ion Ratio Lower Upper
146 100
111 42.8 19.9 59.7
148 63.7 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.511 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019575.D
Acq: 17 Sep 2024 10:26

Tgt Ion: 75 Resp: 24760
Ion Ratio Lower Upper
75 100
155 87.0 48.6 145.8
157 105.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 45.389 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

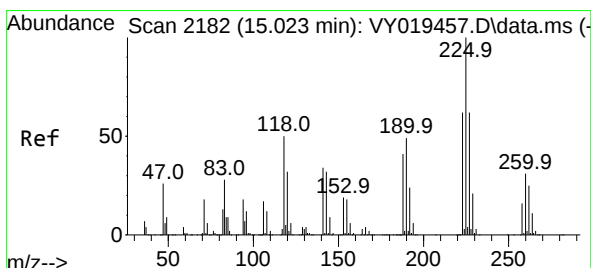
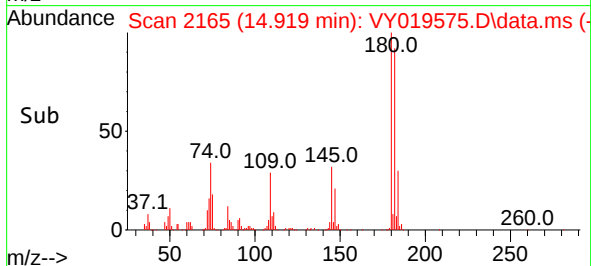
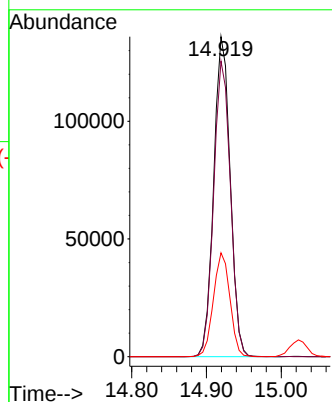
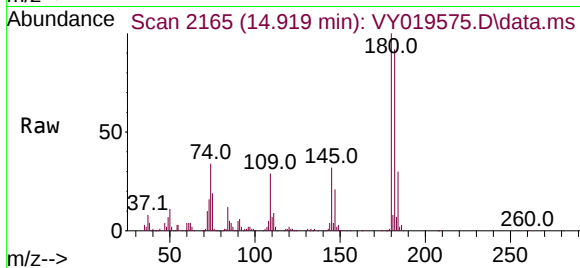
Tgt Ion:180 Resp: 209027

Ion Ratio Lower Upper

180 100

182 93.8 47.9 143.8

145 32.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 43.349 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

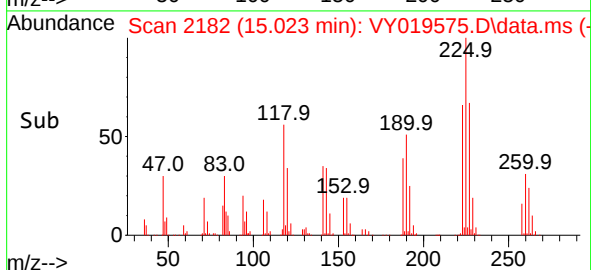
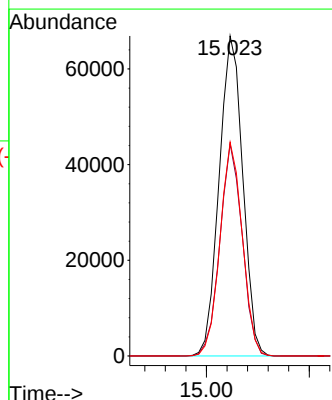
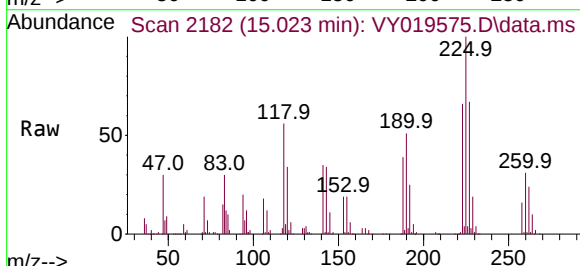
Tgt Ion:225 Resp: 106646

Ion Ratio Lower Upper

225 100

223 62.5 30.4 91.2

227 63.1 31.9 95.9





#95

Naphthalene

Concen: 43.236 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

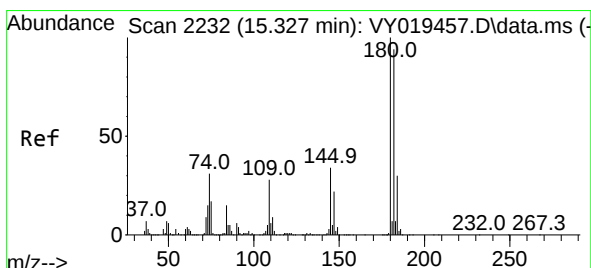
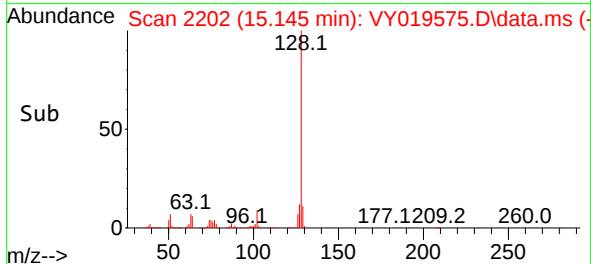
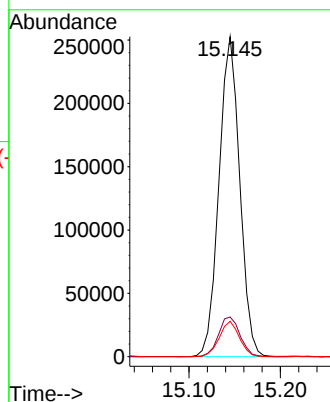
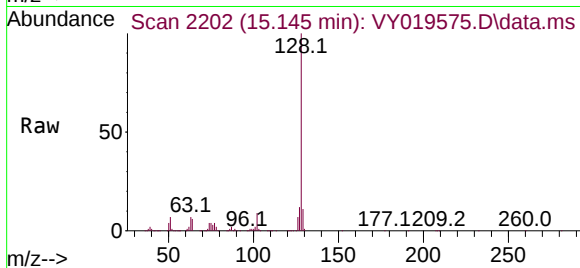
Tgt Ion:128 Resp: 398736

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 44.750 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019575.D

Acq: 17 Sep 2024 10:26

Tgt Ion:180 Resp: 176275

Ion Ratio Lower Upper

180 100

182 93.8 47.6 142.9

145 34.1 15.4 46.1

